PROGRAM OF INTERIOR ARCHITECTURE
Department of Architecture
School of Architecture and Allied Arts
University of Oregon

IARC 492/592 ELECTRIC LIGHTING

instructor: Virginia Cartwright

meeting time and place:
18:00 - 19:20, Tuesday Wednesday

meeting format:
seminar (lectures, discussions, presentations,
design projects with reviews, work sessions)

credit hours and grading:
Graded or P/NP 3 credits**

course objectives:
The goal of the course is to develop skill in the design of
the luminous environment using electric lighting, and in
the design integration of electric light sources and
architectural space. The vehicles for this will be 2
design projects and related topical lectures. This
course will require the active participation of all
students in lecture/discussions, readings and project
presentations. Each of the two projects will be taken
through a defined design process including: concept
identification: development of lighting design
strategies; lamp and luminaire specifications;
calculations; and, representation.

course content/study vehicles:
- visual perception
- physics of light
- principles and effects of light sources
- color and light in the built environment
- relationship between light and space
- design projects
- photography, drawings, models
- readings

texts/primary reading list:
Lighting for Interior Design, M. Innes
There will be assigned readings from the books on reserve in the
AAA Library. Manufacturers catalogues are available in the
IARC Materials Room, the MRC and the Library.

**A 1-credit course will be offered concurrently to fulfill the
advanced technology elective requirement.