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

course name and number:
IARC 492/592  ELECTRIC LIGHTING

crn
23227/23234

instructor:
Virginia Cartwright

meeting time and place:
18:00 - 20:50, Thursday
TBA Lawrence

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 acquire skill in the design of the luminous environment using electric lighting, and to develop skills in the design integration of electric light sources and architectural space. The vehicle for this will be a series of design exercises and related topical lectures. This will be a seminar format course requiring the active participation of all students in lecture/discussions, readings and project presentations. There will be two projects during the term, each one 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:
- 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:
THE ARCHITECTURE OF LIGHT: Architectural Lighting Design Concepts and Techniques, Sage Russell, & 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 offered concurrently to fulfill the advanced technology elective requirement.