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  
23467/23477

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:  
TBD, and readings from the books on reserve in the AAA Library. Manufacturers catalogues are available on the internet, in the IARC Materials Room, the MRC and the Library.

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