ARCH 661 Fall 2020
TEACHING TECHNICAL SUBJECTS IN ARCHITECTURE
CRN 10893- October 8, 15, 22, 2020 8:15-9:45am and 10:15-11:45am only; assignments due at end of term, REMOTE

Instructor:    Alison G. Kwok, Ph.D., FAIA, CPHC akwok@uoregon.edu

Healing Habitats: Innovation Center for Disease and Water Management, 2018–2019 COTE Top Ten winner
UO team: Catherine Earley, Elena Koepp, & Sabrina Ortiz/Brook Muller advisor

Course Overview

University of Oregon alums are well-versed in teaching integrated design across the globe. This course provides a forum for starting the Technical Teaching Certificate, potentially teaching in practice or academia, preparing for Graduate Employee (GE) positions, or simply engaging in a critical discussion of design and technology. This course is open to all graduate students. We will discuss pedagogical issues related to teaching technical subjects and career objectives. Students will develop brief “teaching moments” that will be peer-critiqued; discuss learning styles as related to assignments, learn to develop the “design crit” in the context of the UO and beyond. Those taking the course for 2 credits will develop a teaching module of their choice from a list of recommended topics.

Student Learning Outcomes

- familiarize with materials from: ECS, structures, building construction, building enclosures
- develop innovative hands-on, experiential exercises for technology courses
- introduction to Society of Building Science Educators and Building Technology Educators Society
- provide a forum for discussion about teaching technical subjects and general handling of teaching issues related teaching and learning

Textbooks

- Ed Allen, Notes to Myself, self-published, 2002. provided to class

Recommended Readings

- Esquith, Rafe, Teach Like Your Hair is on Fire, Penguin, 2007
- OWP/P Architects, VS Furniture, and Bruce Mau Design. The Third Teacher, 79 Ways You Can Use Design to Transform Teaching & Learning, 3rd ed. Abrams, 2010

Satisfies a requirement for the Technical Teaching Certificate Program or teaching credits for PhD program may be repeated for credits under same course number
COURSE REQUIREMENTS

- **Active participation** in discussion topics: LSI, Myers Briggs
- **Teaching Moment**: ppt or demonstration (or other teaching technique) of a concept or principle that will increase understanding of the material and connection to design
- **Teaching Evaluation**: peer-teaching evaluation of a technical teacher
- **Reading Response**: *Notes to Myself*, or another book on teaching
- **Resume Revision**

Course is brought to you by the Edward Allen Fund for the Technical Teaching Certificate!