

A SYLLABUS

Semester-long TA training course.

Weekly meetings: interactive development of teaching skills and understanding.

Cannot be done in advance; requires interaction of ideas and practice.

Structure	Subject	Reference
Classroom Knowledge	Groups Student Development Diversity Motivation	Towns Perry Gallos; Rosser Ryan and Deci
The Bridge	Cognitive Apprenticeship	Collins, Brown & Holum
Pedagogical Knowledge	Reciprocal Questioning Alternative Conceptions Problem Solving	King Henderleiter Herron; Bodner
Consolidation	Metacognition Conceptual Change Constructivism	Rickey & Stacy Hewson Glatthorn & Coble; Bodner

Tien, Roth & Kampmeier, J. Chem. Ed. 81, 1313-1321 (2001)