

**Teaching Biology, Fall 2007
PP800/MicroSci 875**

| Week | Topics | Assignments¹ | Readings |
|-------------|--|--|--|
| 1 | Scientific Teaching | Sign up for group projects and reading assessments | Read ST ² ch 1 Read ST ch 5 (pp. 83-94) |
| 2 | Assessment Learning Outcomes | Reading assessment #1 Each group leads a <u>one-minute teaching</u> | Read ST ch 3 Read ST ch 5 (pp. 94-99) |
| 3 | How People Learn Misconceptions | Reading Assessment #2 Post a <u>reaction statement</u> ³ | Read Mestré |
| 4 | Active Learning Instructional Resources | Reading Assessment #3 Do <u>practice teaching session #1</u> and post <u>teachable tidbit v.1</u> (draft) Post results of <u>instructional materials quest</u> Take the electronic <u>mid-course survey</u> | Read ST ch 2 Read Phillips & Robertson |
| 5 | Diversity | Reading Assessment #4 Do the <u>learning styles inventory</u> and bring results to class | Read ST ch 4 |
| 6 | Research & Evaluation | Reading Assessment #5 Do <u>practice teaching session #2</u> and post <u>teachable tidbit v.2</u> (revised) | Read Batzli <i>et al.</i> Read Smith <i>et al.</i> |
| 7 | Teaching Philosophies | Post <u>teaching philosophy</u> by Mon 10/15 Post <u>teachable tidbit v.3</u> (final) | Read everyone's philosophies Read Handelsman Read Miller |

¹ Assignments are due before class unless otherwise noted. They are described in detail in the course packet, which is available on the course website at <http://learnuw.wisc.edu>.

² ST = *Scientific Teaching* by J Handelsman, S Miller, and C Pfund. 2007. WH Freeman & Co. All other readings are posted on the course website.

³ "Posted" assignments should be submitted to the course wiki website.