**Comp Sci 359 – Lesson 33 – Prolog Control Flow and Tracing Diagrams**

**Readings:** ​ ​ Sebesta 16.6.6, Amzi Tutorial c13

**Due This Lesson:** None

**Due Next Lesson:** None

**Lesson Handouts:** None

**Before class**

* Write class plan on the board
* Bring up Prolog
  + Confirm fonts are readable
  + Consult lsn33.pl

**Admin**

* Sign up for a partner and a language!
* Objective concerning cut is eliminated from Lesson 33. The change is posted on the course web site.

**Lesson Objectives**

* Define backtracking
* Define cut
* Identify the effect of the fail goal
* Trace the control flow of a Prolog query given a knowledge base

**Lesson Activities**

* Are there any questions?
* I plan to run this lesson from the slides