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LO Needs for Psych 112

Emily Bonem & Adena Rottenstein

Psych 112: Introduction To Psychology

- Instructor: Brian Malley
- Description
  - Large lecture class (~400 students)
  - Biweekly 2-hour lecture plus one 2-hour discussion
  - Course Goals
    - To introduces you to scientific models of human thought, feelings, and behavior
    - To apply these models to understand better your own mind and behavior and those of others

LO Needs

- Muddy points
  - Darwinian Evolution
  - Schedules for Reinforcement
  - The hunger mechanism
  - Cognition, e.g. prototype effects, conceptual structure, etc.

Adena LO Collection

- Pavlov's Dog
  - Used to demonstrate classical conditioning
  - http://nobelprize.org/educational/medicine/pavlov/index.html
- UW College Operant Conditioning
  - Used to teach pos/neg reinforcement vs. pos/neg punishment
  - http://online.uwc.edu/operanttutorial/
- Midsagittal Brain Study Module
  - Used to teach brain anatomy
  - http://www.psych.ualberta.ca/~ITL/brain/
- Drugs!
  - http://www.jellinek.nl/brain/index.html
  - http://learn.genetics.utah.edu/content/addiction/drugs/mouse.html
- Connecting Concepts: Interactive lessons in biology
  - Used to teach Darwinian Evolution
  - http://ats.doit.wisc.edu/biology/ev/ns/t1.htm
- EMU Research Tutorial
  - Used to teach APA formatted citations
  - http://support.library.ewu.edu/reference/tutorial/flash/citation.html

Emily LO Collection

- Research Methods Lab
  - Explanations of five different research methods
  - Includes Practice and Post Test Questions (does not give answers though)
  - Can print off scores with names
  - Requires Adobe Shockwave Player
  - http://www.mcli.dist.maricopa.edu/proj/res_meth/login.html
- Human Brain Anatomy
  - Explanations of different parts of the brain
  - Includes pictures of each brain structure and how they fit together
  - Includes quizzes for each brain structure
  - http://www.psych.ualberta.ca/~ITL/brain/
- Operant Conditioning (Reinforcement and Punishment)
  - Explanation of positive and negative reinforcement and punishment
  - Includes examples for each
  - Includes quizzes with certificate at end that students could turn in
  - Only issue is that it freezes sometimes
  - http://online.uwc.edu/operanttutorial/
- Penny Memory Test
  - Has several "BrainGames" including the Stroop Task and Monty Hall Problem
  - Needs more explanation as to how these problems relate to psych
  - http://www.dcity.org/braingames/

LO Conclusions

- Overlapping LOs
  - E.g. Operant Condition LO
- Missing LOs
  - Schedules for Reinforcement
  - Hunger Mechanism

Next Steps: Create New LOs

- Schedules for Reinforcement
  - Model after Operant Condition LO
  - Include mechanism for built-in assignment
- Hunger Mechanism
  - Model after Brain Structure LO
  - Include mechanism for built-in assignment
- Issue: Funding?

Thank you!