Psychology 433 — Hintzman
Learning and Memory — Fall, 1987

Text: Hintzman, D.L. The Psychology of Learning and Memory.

Articles: (packet available at Campus Copy Center, in EMU)

- #1: Gould, J.L. & Marler, P. Learning By Instinct
- #2: Shettleworth, S.J. Memory in Food-hoarding Birds
- #3: Mischkin, M. & Appenzeller, T. The Anatomy of Memory
- #4: Vellutino, F.R. Dyslexia

Tentative Schedule:

Week	Readings	Comments
Sept. 28	Chap. 1 & 2	
Oct. 5	Ch. 3 & 4	
Oct. 12	Ch. 5 & 6	
Oct. 19	Ch. 7 & Article #1	Summary #1 due Friday
Oct. 26	Article #2	Summary #2 due Friday
Nov. 2		Midterm Exam Friday, Nov. 6
Nov. 9	Ch. 8 & 9	
Nov.16	Ch. 10	
Nov. 23	Ch. 11	No class Friday (Thanksgiving)
Nov. 30	Ch. 12 & Article #3	Summary #3 due Friday
Dec. 7	Ch. 13 & Article #4	Summary #4 due Friday
Exam Week		Final Exam Wed., Dec. 16 at 10:15

Exams: Short answer and multiple-choice. A list of concepts to study will be handed out one week in advance. The final exam will be comprehensive.

Article Summaries: Each of these should be a 3-4 page summary of the supplementary article, in your own words. It should be clear and understandable to someone who does not know the article or the specific research area under discussion (e.g., a graduate student in clinical psychology).

Grading: All summaries, 20% (5% each); Midterm, 30%; Final, 50%.

Office Hours: Rm 307 Straub, Tuesday 2-4; Wednesday, 2-3.

Psychology 433
Learning & Memory

Fall, 1987
Key Concepts for Final

The final will consist of 83 multiple-choice questions, covering the entire term. You should study the key concepts handed out prior to the midterm, plus the following list taken from chapters 8-13. The two lists include most, but not all, of the material that will be covered on the exam.

serial learning
paired-associates
free recall
A-B, A-C paradigm
A-B, $A\text{-}B_r$ paradigm
A-B, A-B' paradigm
positive transfer
negative transfer
zero transfer
memory span
recognition memory
memory for recency
memory for frequency
retroactive interference
proactive interference
retrograde amnesia
anterograde amnesia
continuous tasks
autonomous trace change
extinction-recovery theory of forgetting
seial processing
parallel processing
spatial organization
propositional representation
analogue representation
temporal organization
recency effect
primacy effect
von Restorff effect
distractor task
Sternberg task
serial position curve
peg-word system
method of loci
memory for odors
time of day effects
mental arithmetic
dual-code theory
Gibson's theory of rote learning
memory for motor skills
types vs. tokens
labelled associations
hierarchical structure
relearning
clustering
chunking
executive routine
episodic memory
semantic memory
spacing effect
surface structure
deep structure
metamemory
all-or-none encoding
inference
the HAM theory
discrimination net
reminiscence
Penfield's observations
automatic retrieval
consolidation
sleep learning
the law of disuse
exponential decay
acoustic code
articulatory code
arousal
conceptual dependency theory
Deja vu
Penfield's observations
context and retrieval
control processes
false recognition
acid bath theory
frame theory
generic memory
age regression
mnemonic devices
Korsakoff's syndrome
H.M.
mediation
memory scanning
metaphor
multiple-trace hypothesis
paraphrase
permanent memory hypothesis
primary vs. secondary memory
prototypes
sensory registers
Stroop effect
subjective organization
two-process theory of memory