

Learning Processes (01:830:311:04) Fall 2015 Dr. Tomie  
Tu Th (5:00 PM - 6:20 PM) Busch Campus PH 115

Dr. Tomie's Office: Room 103-A, Center of Alcohol Studies (next to Wright Chemistry)

Office Hours: Tuesday 2:00 PM – 3:00 PM, or by appointment.

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Teaching Assistant, Min-Jeong Yang's Office: Room 317 Tillett Hall.

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REQUIRED TEXTBOOKS (All required textbooks are available at New Jersey Books or at Rutgers / Barnes & Noble Bookstore):

Domjan, M. (2010). *The Principles of Learning and Behavior* (7<sup>th</sup> Edition). Cengage Learning. ISBN: 978128588563. The 6th Edition is substantially similar and may also be used.

Zito, B., and Tomie, A. (2014). *The Tail of the Raccoon: Secrets of Addiction*. Princeton, NJ: ZT Enterprises LLC. ISBN: 9870991349531. Including Educational Commentary and Scientific Commentary. Also available as a Kindle E-Book.

Zito, B., and Tomie, A. (2015). *The Tail of the Raccoon, Part II: Touching the Invisible*. Princeton, NJ: ZT Enterprises LLC. ISBN: 9870991349555. Including Educational Commentary and Scientific Commentary. Also available as a Kindle E-Book.

EXAMS: There will be four exams. All of the exams are cumulative but each exam will emphasize materials presented since the last exam. Two of the exams are Online Hourly Exams given during the regularly scheduled Thursday class period (on Sep 24 and Nov 19). The In-Class Midterm Exam will be given on Thursday, Oct 22. The In-Class Final Exam will be given in accordance with the University's Final Exam Schedule, on Friday, Dec 18.

GRADING:

1. Each of the four exams will account for 25% of your course grade.
2. A written note from a Dean or a doctor will be required to make up a missed exam without penalty. For those unable to provide a note, the absence is unexcused and a 15% penalty will be assessed.
3. The make-up exam will be scheduled at the convenience of the TA. An additional 15% penalty will be imposed for an unexcused absence from the make-up exam.
4. Attendance will be taken occasionally, and extra credit attendance points will be considered in the event of a borderline grade.

WEEK OF  
TUESDAY

READING ASSIGNMENT

Sep 1 Chapter 1: Introduction.

Sep 8 Chapter 2: Elicited Behavior, Habituation and Sensitization.

Sep 15 Chapter 3: Classical Conditioning: Foundations.  
**The Tail of the Raccoon: Secrets of Addiction.**

Sep 22 Chapter 3: Classical Conditioning: Foundations.  
**ONLINE HOURLY EXAM #1: THURSDAY, SEPTEMBER 24**

Sep 29 Chapter 4: Classical Conditioning: Mechanisms.  
**The Tail of the Raccoon, Part II: Touching the Invisible.**

Oct 6 Chapter 4: Classical Conditioning: Mechanisms.

Oct 13 Chapter 5: Instrumental Conditioning: Foundations.

**IN-CLASS MIDTERM EXAM: THURSDAY, OCTOBER 22**

Oct 20 Chapter 6: Schedules of Reinforcement and Choice Behavior.

Oct 27 Chapter 7: Instrumental Conditioning: Motivational Mechanisms.

Nov 3 Chapter 8: Stimulus Control of Behavior.

Nov 10 Chapter 9: Extinction of Conditioned Behavior.

Nov 17 Chapter 9: Extinction of Conditioned Behavior.

**ONLINE HOURLY EXAM #2: THURSDAY, NOVEMBER 19**

Nov 24 Chapter 10: Aversive Control: Avoidance and Punishment.

Dec 1 Chapter 11: Comparative Cognition I: Memory Mechanisms.

Dec 8 Chapter 12: Comparative Cognition II: Special Topics.

**IN-CLASS FINAL EXAM  
IN ACCORDANCE WITH UNIVERSITY'S FINAL EXAM SCHEDULE:  
FRIDAY, DEC 18 (12:00 NOON - 1:30 PM)**