

Learning Processes (01:830:311:01) Fall 2016 Dr. Tomie  
MW (3:20 PM - 4:40 PM) Livingston Campus Beck Hall Aud

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

Office Hours: Wednesday 10:00 AM - 12:00 Noon, or by appointment.

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Teaching Assistant, Christopher Wyszynski

Office: Room 319, Busch Psych Bldg.

Office Hours: Wednesday 11:30 AM - 12:30 PM, or by appointment.

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**REQUIRED TEXTBOOKS** (All required textbooks are available at RU / Barnes & Noble College 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 Preface, 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 Wednesday class period (on Sep 28 and Nov 16). The In-Class Midterm Exam will be given on Wednesday, Oct 26. The In-Class Final Exam will be given in accordance with the University's Final Exam Schedule, on Friday, Dec 23.

**GRADING:**

1. Each of the four exams will account for 25% of your course grade.
2. To make up a missed exam without penalty the student must provide a written note from a Dean or a doctor. 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 5 times during the semester. Four extra credit points will be awarded to students who attend at least 4 of the 5 attendance events. Zero extra credit points will be awarded to students who attend 0, 1, 2, or 3 of the 5 attendance events.

WEEK OF  
MONDAY

READING ASSIGNMENT

- Sep 5 Chapter 1: Introduction.
- Sep 12 Chapter 2: Elicited Behavior, Habituation and Sensitization.  
**The Tail of the Raccoon: Secrets of Addiction.**
- Sep 19 Chapter 3: Classical Conditioning: Foundations.  
**The Tail of the Raccoon: Educational and Scientific Commentaries**
- Sep 26 Chapter 3: Classical Conditioning: Foundations.  
**ONLINE HOURLY EXAM #1: WEDNESDAY, SEPTEMBER 28**
- Oct 3 Chapter 4: Classical Conditioning: Mechanisms.  
**The Tail of the Raccoon, Part II: Touching the Invisible, Preface**
- Oct 10 Chapter 4: Classical Conditioning: Mechanisms.  
**The Tail of the Raccoon, Part II: Touching the Invisible**
- Oct 17 Chapter 5: Instrumental Conditioning: Foundations.  
**Tail II: Educational and Scientific Commentaries**
- Oct 24 Chapter 6: Schedules of Reinforcement and Choice Behavior.  
**IN-CLASS MIDTERM EXAM: WEDNESDAY, OCTOBER 26**
- Oct 31 Chapter 7: Instrumental Conditioning: Motivational Mechanisms.
- Nov 7 Chapter 8: Stimulus Control of Behavior.
- Nov 14 Chapter 9: Extinction of Conditioned Behavior.  
**ONLINE HOURLY EXAM #2: WEDNESDAY, NOVEMBER 16**
- Nov 21 Chapter 10: Aversive Control: Avoidance and Punishment.
- Nov 28 Chapter 10: Aversive Control: Avoidance and Punishment.
- Dec 5 Chapter 11: Comparative Cognition I: Memory Mechanisms.
- Dec 12 Chapter 12: Comparative Cognition II: Special Topics.

**IN-CLASS FINAL EXAM  
IN ACCORDANCE WITH UNIVERSITY'S FINAL EXAM SCHEDULE:  
FRIDAY, DEC 23 (12:00 NOON - 1:30 PM)**