

Learning Processes (01:830:311:03) Spring 2016 Dr. Tomie
MW (3:20 PM - 4:40 PM) Busch 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, Marley Kass

Office: Room 319 Busch Psych Bldg.

Office Hours: Tuesday 4:00 PM - 5:00 PM, or by appointment.

Telephone: 848-445-2576 (leave message).

E-Mail: marleyk@rci.rutgers.edu

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* (7th 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 Wednesday class period (on Feb 10 and Apr 13). The In-Class Midterm Exam will be given on Wednesday, Mar 9. The In-Class Final Exam will be given in accordance with the University's Final Exam Schedule, on Wednesday, May 11.

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 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

Jan 18 Chapter 1: Introduction.

Jan 25 Chapter 2: Elicited Behavior, Habituation and Sensitization.

Feb 1 Chapter 3: Classical Conditioning: Foundations.
The Tail of the Raccoon: Secrets of Addiction.

Feb 8 Chapter 3: Classical Conditioning: Foundations.
ONLINE HOURLY EXAM #1: WEDNESDAY, FEBRUARY 10

Feb 15 Chapter 4: Classical Conditioning: Mechanisms.
The Tail of the Raccoon, Part II: Touching the Invisible.

Feb 22 Chapter 4: Classical Conditioning: Mechanisms.

Feb 29 Chapter 5: Instrumental Conditioning: Foundations.

Mar 7 Chapter 6: Schedules of Reinforcement and Choice Behavior.
IN-CLASS MIDTERM EXAM: WEDNESDAY, MARCH 9

Mar 21 Chapter 7: Instrumental Conditioning: Motivational Mechanisms.

Mar 28 Chapter 8: Stimulus Control of Behavior.

Apr 4 Chapter 9: Extinction of Conditioned Behavior.

Apr 11 Chapter 9: Extinction of Conditioned Behavior.

ONLINE HOURLY EXAM #2: WEDNESDAY, APRIL 13

Apr 18 Chapter 10: Aversive Control: Avoidance and Punishment.

Apr 25 Chapter 11: Comparative Cognition I: Memory Mechanisms.

May 2 Chapter 12: Comparative Cognition II: Special Topics.

**IN-CLASS FINAL EXAM
IN ACCORDANCE WITH UNIVERSITY'S FINAL EXAM SCHEDULE:
WEDNESDAY, MAY 11 (12:00 NOON - 1:30 PM)**