

Conditioning and Learning (01:830:311:04) Fall 2014 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: Thursday 1:00 PM – 3:00 PM, or by appointment.

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Dr. Tomie's Webpage: <http://www.rci.rutgers.edu/~tomie>

REQUIRED TEXTBOOKS:

Domjan, M. (2010). *The Principles of Learning and Behavior* (7th Edition). Cengage Learning, ISBN: 978128588563. Available at New Jersey Books or at course-specific Cengage Learning site: <http://www.cengagebrain.com/micro/1-1V85Y2M>.

Zito, B., and Tomie, A. (2014). *The Tail of the Raccoon: Secrets of Addiction*.

Kindle e-Book, ASIN: B00I3TNYJY, is available at <http://www.amazon.com/dp/B00I3TNYJY>.

Paperback, ISBN: 9870991349531, is available at New Jersey Books

or at Createspace, http://www.amazon.com/The-Tail-Raccoon-Secrets-addiction/dp/0991349539/ref=tmm_pap_title_0.

Supplemental Readings:

<http://tailoftheraccoon.com/>. This educational website provides the interested reader with further information about the relationship between sign-tracking and drug addiction.

<https://www.facebook.com/tailoftheraccoon>. This Facebook page disseminates recent addiction-related news. Visit the page and like it. You will receive 1 extra credit class attendance point.

EXAMS: There will be five exams. All of the exams are cumulative but each exam will emphasize materials presented since the last exam. Three of the exams are Online Hourly Exams given during the regularly scheduled Thursday class period (on Sep 18, Oct 9, and Nov 13). The In-Class Midterm Exam will be given on Thursday, Oct 30. The In-Class Final Exam will be given in accordance with the University's Final Exam Schedule, on Friday, Dec 19.

GRADING:

1. Your In-Class Final Exam grade will account for 25% of your course grade. Your In-Class Midterm Exam grade will account for 25% of your course grade.
2. The remaining 50% of your course grade will be based on your two best scores on the three Online Hourly exams. Your lowest Online Hourly score will be dropped. There will be no make-ups given for missing an Online Hourly exam, regardless of cause.
3. A note from a Dean or a doctor will be required to make up the In-Class Midterm Exam or the In-Class Final Exam. For those unable to provide a note, a 15% penalty is assessed. An additional 15% penalty is assessed for missing the make-up, which is scheduled at the convenience of the TA.
4. Attendance will be taken occasionally, and extra credit attendance points will be considered in the event of a borderline grade.

WEEK OF READING ASSIGNMENT
TUESDAY

Sep 2 Chapter 1: Introduction.

Sep 9 Chapter 2: Elicited Behavior, Habituation and Sensitization.

Sep 16 Chapter 2: Elicited Behavior, Habituation and Sensitization.

ONLINE HOURLY EXAM #1: THURSDAY, SEPTEMBER 18

Sep 23 Chapter 3: Classical Conditioning: Foundations.

Sep 30 Chapter 4: Classical Conditioning: Mechanisms.

The Tail of the Raccoon: Secrets of Addiction.

Oct 7 Chapter 4: Classical Conditioning: Mechanisms.

ONLINE HOURLY EXAM #2: THURSDAY, OCTOBER 9

Oct 14 Chapter 5: Instrumental Conditioning: Foundations.

Oct 21 Chapter 6: Schedules of Reinforcement and Choice Behavior.

Oct 28 Chapter 7: Instrumental Conditioning: Motivational Mechanisms.

IN-CLASS MIDTERM EXAM: THURSDAY, OCTOBER 30

Nov 4 Chapter 8: Stimulus Control of Behavior.

Nov 11 Chapter 9: Extinction of Conditioned Behavior.

ONLINE HOURLY EXAM #3: THURSDAY, NOVEMBER 13

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

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

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

Dec 9 Review

**IN-CLASS FINAL EXAM
IN ACCORDANCE WITH UNIVERSITY'S FINAL EXAM SCHEDULE:
FRIDAY, DEC 19 (8:00 AM - 9:30 AM)**