

Core Syllabus for Dr. Tomie's  
Motivation and Emotion (830:364:02) course  
Spring 2017

To My Students:

This Core Syllabus contains information relevant to all of my Motivation and Emotion (830:364:02) courses. Detailed information pertaining to specific Motivation and Emotion courses, including textbooks, office hours, reading assignments, and exam schedules, are described in the course syllabus for Motivation and Emotion provided each semester. The purpose of this Core Syllabus is to inform students of the general goals of my Motivation and Emotion course and the means by which I will attempt to achieve them.

Dr. Tomie

**Learning Goals:** The learning goals of this course contribute to the more general goals of the Department of Psychology and of the Rutgers School of Arts and Sciences. Students who successfully complete this course will develop improved understanding of:

- § the historical development of scientific inquiry into the biological basis of motivation and emotional behavior;
- § the clinical psychopathology of motivational disorders, particularly the progression from drug use into drug addiction;
- § the biological basis of drug addiction and the neurobiological mechanisms of action of abused drugs;
- § how experience with repeated use of drugs may lead to the loss of control of drug-taking;
- §. the relationship between drug addiction and stress and stress-related disorders such as depression and anxiety.

**Overview of the Course:** The title of this course is Motivation and Emotion. This course will introduce you to the scientific study of feelings, or subjective emotional states, and how they contribute to the expression of motivated goal-directed behaviors. In this context, two recurring themes will be emphasized during the semester. The first is the idea that your feelings are derived from brain states ...that is, an amalgamation of neurobiological events determines your moment-to-moment state of awareness of your feelings. Many psychoactive drugs influence the activity of neurobiological substrates. Clearly, drug-induced changes in neurobiological events produce profound changes in our subjective emotional experiences, resulting in dramatic changes in the expression of our motivation to perform goal-directed activities. The second emphasized theme is the topic of addictive behavior, particularly drug addiction. Addiction is a fascinating

topic because typically the addict's motivational goals and emotional states are dramatically altered by the drug addiction process. Of particular interest are the mysteries of addiction. In the words of the addict, "Why can't I quit?" Addicts find themselves taking the drug even while trying to resist. And, remarkably, they are amazed to learn that they are actually completely powerless when it comes to controlling their drug use. "I was blind-sided. How did this happen to me?" Addiction is related to a number of other psychopathological conditions, including depression, anxiety, stress, and the psychological pain of emptiness, which will also be considered during the semester.

My lectures are not intended to go hand-in-hand with material that is presented in the textbook. Sometimes my lectures will cover materials that overlap with the assigned readings from the textbook, but more typically, my lectures will cover materials that are not covered by the textbook. The textbook covers, from an historical perspective, the evolution of scientific inquiry into how the brain works to create the conscious experience of emotion. The emphasis of the book is on fear and anxiety and other types of negative emotional states. My lectures, on the other hand, emphasize the brain pathways involved in reward, pleasure, and addiction.

**Attendance:** You should attend all classes in this course and all of your other courses. On a class-by-class basis, I have found that poor attendance is highly predictive of poor grades. Attendance may be taken occasionally and extra credit points will be awarded for achieving a criterion of consistent attendance. Many exam questions will be based on lecture material covered during class. It is not OK to miss class, and I do not re-give lectures to those that do, regardless of cause. A student who misses a class is not entitled to more academic servicing than the students who attended the class.

**Grading:** Course grades will be based entirely on exam performance plus possible extra credit. All exams consist of 30 multiple choice questions. There are 2 Online Hourly Exams (open book, open notes) and an In-Class Midterm Exam and an In-Class Final Exam. Both In-Class Exams are closed book and closed notes.

In determining your final course grade, if the average score (adjusted for extra credit) is 27 or above, then your course grade is an "A". A score of 26.75 is not rounded up to an "A".

If the average score (adjusted for extra credit) is between 26.75 and 25.50, then your course grade is a "B+". A score of 25.25 is not rounded up to a "B+".

If the average score (adjusted for extra credit) is between 25.50 and 24.00, then your course grade is a "B", and so forth.

**Absence from an Exam:** A written note from a Dean or a doctor, submitted in a timely manner, is required to make up a missed exam without penalty. For those unable to provide the note, a 15% penalty will be assessed. In accordance with University policy, exceptions may be granted to student-athletes traveling to scheduled events or to students observing a major religious event

that prevents their attending the exam. To gain this exception, students must provide, during the first two weeks of the semester, written documentation substantiating their circumstance and the exact dates that those circumstances will interfere with their exam attendance.

**Posting to Sakai of Exam Scores and Attendance Credits:** The Teaching Assistant will Announce via Sakai when exam scores or attendance credits have been posted to Gradebook. All disputes of the record at Gradebook must be made in writing and submitted to the Teaching Assistant within two weeks of the Announcement of the posting of the score or credit.

### **Academic Integrity:**

Academic Integrity Violations include: cheating, fabrication, denying others access to information or material, and facilitating violations of academic integrity. You are expected to abide by the code of conduct pertaining to academic integrity. I will not allow cheating on examinations, and I take special precautions to reduce the opportunity for cheating, while increasing the likelihood of successful prosecution of offenders. I will vigorously enforce the University's regulations on academic integrity. The University's regulations are appropriately strict, and if you plan to cheat, you should first read the regulations and potential consequences:

<http://academicintegrity.rutgers.edu/integrity.shtml>

### **Situational Courtesy:**

Upon entering the classroom, turn off cell phones and beepers.

You may not make any type of recording or photographic record without my consent.

Sit near an exit if entering the classroom late or leaving the classroom early.

Texting, twittering, surfing the internet, online shopping, playing computer games, and other disruptive behaviors are distracting to serious students who are sitting near you. Sit in the back rows of the classroom if you are inclined to indulge in these activities.

Wave your raised hand (making it easier for me to see) if you want to ask a question or request additional discussion of a topic. In the lowered lighting of the large lecture hall, the slides are easier to see, but the trade-off is that the raised hand is more likely to go un-noticed.

Motivation and Emotion (01:830:364:02) Spring 2017 Dr. Tomie  
Tu Fri (10:55 AM - 12:15 PM) Cook Campus Food Science Aud

Dr. Tomie's Office: Room 251, Life Sciences Building (next to Wright Chemistry Labs)  
Office Hours: Monday, 12:00 Noon - 1:00 PM, or by appointment  
Telephone: 848-445-3593 or 445-8885  
E-Mail: [tomie@rci.rutgers.edu](mailto:tomie@rci.rutgers.edu)  
Dr. Tomie's Webpage: <http://www.rci.rutgers.edu/~tomie>

Teaching Assistant, Karandeep Singh  
Office: TBD  
Office Hours: Wednesdays, 12:30 PM - 1:30 PM, or by appointment  
Telephone: 848-445-2576 (leave message)  
E-Mail: [ks1156@scarletmail.rutgers.edu](mailto:ks1156@scarletmail.rutgers.edu)

REQUIRED TEXTBOOKS (All required textbooks are available at RU / Barnes & Noble College Bookstore):

LeDoux, J. (1996). *The Emotional Brain: The Mysterious Underpinnings of Emotional Life*. New York: Touchstone/Simon & Schuster Publishing. ISBN: 0684836599.

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

EXAMS: There will be four exams. All 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 Friday class period (on February 10 and April 7). The In-Class Midterm Exam will be given on Friday, March 3. The In-Class Final Exam will be given in accordance with the University's Final Exam Schedule, Wednesday, May 10.

#### 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  
TUESDAY

READING ASSIGNMENT

Jan 17 Preface: (pp. 1-10).

Jan 24 Chapter 1: What's Love Got To Do With It? (pp. 11-21).  
**The Tail of the Raccoon: Secrets of Addiction**

Jan 31 Chapter 2: Souls on Ice (pp. 22-41).  
**The Tail of the Raccoon: Educational and Scientific Commentaries**

Feb 7 Chapter 2: Souls on Ice (pp. 22-41).  
**ONLINE HOURLY EXAM #1: FRIDAY, FEBRUARY 10**

Feb 14 Chapter 3: Blood, Sweat, and Tears (pp. 42-72).  
**The Tail of the Raccoon, Part II: Touching the Invisible**

Feb 21 Chapter 4: The Holy Grail (pp. 73-103).  
**Tail II: Educational and Scientific Commentaries**

Feb 28 Chapter 4: The Holy Grail (pp. 73-103).  
**IN-CLASS MIDTERM EXAM: FRIDAY, MARCH 3**

Mar 7 Chapter 5: The Way We Were (pp. 104-137).

Mar 21 Chapter 6: A Few Degrees of Separation (pp. 138-178).

Mar 28 Chapter 7: Remembrance of Emotions Past (pp. 179-224).

Apr 4 Chapter 7: Remembrance of Emotions Past (pp. 179-224).  
**ONLINE HOURLY EXAM #2: FRIDAY, APRIL 7**

Apr 11 Chapter 8: Where the Wild Things Are (pp. 225-266).

Apr 18 Chapter 9: Once More, With Feelings (pp. 267-303).

Apr 25 Chapter 9: Once More, With Feelings (pp. 267-303).

**IN-CLASS FINAL EXAM  
IN ACCORDANCE WITH UNIVERSITY'S FINAL EXAM SCHEDULE:  
WEDNESDAY, MAY 10 (8:00 AM - 9:30 AM)**