

**Course Syllabus**  
**Learning Processes (01:830:311:03) Fall 2021 Dr. Tomie**  
**Asynchronous Remote Online Course**

**<http://sites.rutgers.edu/arthur-tomie/lp-syllabus-fall-2020/>**

**CONTACT INFO:**

Dr. Tomie's Office Hours: Thursday, 12:00 Noon – 1:00 PM, by ZOOM appointment, or at another time, by arrangement.

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**TEACHING ASSISTANT:**

Allyson Bazer's Office Hours: Tuesday, 12:00 – 1:00 PM, by ZOOM appointment, or at another time, by arrangement.

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**REQUIRED TEXTBOOKS:**

Domjan, M. (2018). *The Essentials of Conditioning and Learning, 4<sup>th</sup> Edition*, Washington D.C.: American Psychological Association. ISBN: 9781433827785, 275 pages.

Tomie, A. (2020). *Blindsided by Addiction: The Science of the Loss of Self-Control*. Princeton, NJ: ZT Enterprises, LLC. ISBN: 9798667169802, 224 pages. Also available as Kindle E-Book (Amazon.com).

**ABOUT THIS COURSE:** This is an Asynchronous Remote Learning course (there are no class meetings or in-class exams). For lecture content, I use PowerPoint slides uploaded to Files @ Canvas and video materials recorded and uploaded through Kaltura (screen capture) and made available to you at Media Gallery @ Canvas. I also use Zoom for video conferencing of class meetings.

I will record and then post to Media Gallery my lecture online at approximately 3 PM on each Tuesday and on each Thursday. You will receive an Announcement via Canvas indicating when the video is available for viewing. The recorded

videos are for you to view at your convenience, but I recommend that you do so before the next scheduled lecture, so as not to fall behind.

If you have a question about material covered in lecture, my preferred method of contact is via e-mail ([tomie@psych.rutgers.edu](mailto:tomie@psych.rutgers.edu)). Or, you can arrange via e-mail to see me, preferably via scheduled ZOOM appointment during my regularly scheduled office hours (Thursdays, 12:00 Noon – 1:00 PM). If you cannot make my office hours, then send me an e-mail to arrange an appointment with me at another time.

**ZOOM MEETINGS:** I will Zoom with the class to allow more detailed discussion of exams, lecture materials, textbook assignments, and student projects. In addition, at those times I will provide detailed guidance to all students on how to form a research group (4-6 students) and develop the group's PowerPoint slide show of their research topic. These Zoom meetings, which will be scheduled on some, but not all, Thursday afternoons (1:30 PM - 2:30 PM), will be recorded and made available to the class at Media Gallery.

If you have a question about material covered in lecture or questions about material covered by the textbooks, my preferred method of contact is via e-mail ([tomie@psych.rutgers.edu](mailto:tomie@psych.rutgers.edu)), or you may request a Zoom meeting during my regularly scheduled office hours (Thursdays, 12:00 Noon – 1:00 PM). If you are not available during my office hours, then send me an e-mail to arrange an appointment with me at another time.

Remote learning presents many substantial challenges. For assistance with learning how to address these challenges, please consult the resources available here: [https://rlc.rutgers.edu/remote\\_instruction](https://rlc.rutgers.edu/remote_instruction).

**EXAMS:** Your course grade will be based strictly on your exam performance and on the quality of your group's PowerPoint presentation of your research topic. During the semester, there will be 4 exams, each 80 min long. Exam #1, #2, and #3 will be posted at Quizzes @ Canvas at approximately 3:00 PM on the day of the scheduled exam and will be available for 24 hours. Each of the 4 exams will consist of 30 multiple choice questions. None of the exams are cumulative. All 4 exams will be open book, open notes. All 4 exams will be given Online, administered, timed, and graded through Canvas. The Online Final Exam will be posted at Quizzes @ Canvas in accordance with the University's Final Exam Schedule (TBD).

**GROUP RESEARCH PROJECT (GRP):** During the first three weeks of the semester, you are required to either suggest a topic for a research group (which makes you the Group Leader) or join (as a Group Member) an existing research group (4-6 students per research group). The purpose of the Group Research Project (GRP) is to provide students with the opportunity to learn how to use the library to explore the scientific literature to find at least two peer-reviewed publications in the scientific database using the library's database resources (PubMed, Medline, PsychInfo, etc), then download and read the manuscripts, and then summarize and disseminate your findings to the rest of the class by developing a PowerPoint slide show presentation.

The Group Leader will schedule and organize the first group meeting where each Member will take ownership of a specific sub-topic to research. The name of each student and their sub-topic will be entered into the Group's Google Drive. During the semester, the group will meet via Zoom at least two more times, where attendance will be taken by the Group Leader. At each meeting, each Member will present to the group their most recent peer-reviewed scientific publication they have found on their sub-topic, which they will add to the Group's Google Drive. By the end of the semester, each Group Member will have identified their two best publications that will form the basis of their PowerPoint slide show on their sub-topic.

Each group will have a 3<sup>rd</sup> Zoom meeting toward the end-of-semester, where each Member will submit to the group their PowerPoint slide show of their sub-topic. While content may vary considerably depending on the specific sub-topic, a PowerPoint slide show of a sub-topic will typically consist of a total of approximately 20 individual slides describing their sub-topic and the two scientific publications. For each publication there should be 8-10 slides (Publication ID; Aims; Methods; Results; Discussion; Other Relevant Papers). At this meeting, the group will organize the 4-6 sub-topics into a coherent presentation of their overall research topic and then upload their overall group project to their Google Drive, for viewing by the class. More details will be provided at ZOOM sessions on Thursdays, 1:30 – 2:30 PM.

To successfully complete the GRP you must attend the Group Meetings and contribute at least 2 scientific publications on your sub-topic, and develop a PowerPoint slide show featuring those publications.

**GRADING:** Your course grade will be calculated as the average percentage (%) score of your 4 exams plus 10 additional % points for those students who successfully complete the Group Research Project (GRP).  $X = \text{average \% score of your 4 exams} + 10 \text{ additional \% points for GRP}$ .

$X = 90 \text{ or more} = A$

$X = 85 - 89 = B+$

$X = 80-84 = B$

$X = 75-79 = C+$

$X = 70-74 = C$

$X = 60-69 = D$

$X = 59 \text{ or less} = F$

If your exam point total (sum of all four exam scores) is 108 (or higher), then your average exam score is at least  $108/120 = 90\% + 10\%$  for the GRP = 100%, which is an "A".

If your exam point total is 102 - 107, then your average percentage score is  $85\% - 89\% + 10\%$  for the GRP = 95% - 99%, which is an "A".

If your exam point total is 96 - 101, then your average percentage score is  $80\% - 84\% + 10\%$  for the GRP = 90% - 94%, which is an "A".

If your exam point total is 90 - 95, then your average percentage score is  $75\% - 79\% + 10\%$  for the GRP = 85% - 89%, which is a "B+".

If your exam point total is 84 - 89, then your average percentage score is  $70\% - 74\% + 10\%$  for the GRP = 80% - 84%, which is a "B".

If your exam point total is 78 - 83, then your average percentage score is  $65\% - 69\% + 10\%$  for the GRP = 75% - 79%, which is a "C+".

If your exam point total is 72 - 77, then your average percentage score is  $60\% - 64\% + 10\%$  for the GRP = 70% - 74%, which is a "C".

If your exam point total is 60 - 71, then your average percentage score is  $50\% - 59\% + 10\%$  for the GRP = 60% - 69%, which is a "D".

If your exam point total is 59 or lower, then your average percentage score is  $49\%$  or lower + 10% for the GRP = 59% or lower, which is an "F".

**WEEK OF MONDAY****READING ASSIGNMENT**

Aug 30 Domjan, Chapter 1

Sep 6 Domjan, Chapters 2-3

Sep 13 Domjan, Chapters 4-5

Sep 20 Domjan, Chapters 6-7

Sep 27 Domjan, Chapters 8-9

**EXAM #1: TUESDAY, Sep 28 (covering Domjan Ch 1-7)**

Oct 4 Domjan, Chapters 10-11

Oct 11 Domjan, Chapters 12-13

Oct 18 Domjan, Chapter 14

Oct 25 Tomie, Intro and Chapter 1 (pp. 1-6)

**EXAM #2: TUESDAY, OCTOBER 26 (Domjan Ch 8-14)**

Nov 1 Tomie, Chapters 2-5 (pp.7-31)

Nov 8 Tomie, Chapters 6-9 (pp. 32-72)

Nov 15 Tomie, Chapters 10-13 (pp. 73-103)

**EXAM #3: TUESDAY, NOVEMBER 16 (Tomie, Intro + Ch 1-9)**

Nov 22 Tomie, Chapters 14-16 (pp.104-141)

Nov 29 Tomie, Chapters 17-18 (pp. 142-179)

Dec 6 Tomie, Conclusion (pp. 180-182)

**ONLINE FINAL EXAM  
IN ACCORDANCE WITH UNIVERSITY'S FINAL EXAM SCHEDULE:  
Covering Tomie, Ch 10-18 + Conclusion**