SYLLABUS

Memory and the Brain PSYC 21—F202(on campus)

Weekly discussion weekly discu

1.0 Land Acknowledgment

I willbegin this syllabusatorknowledgethat QueenÕs is situated on traditional Anishinaabe and Haudenosaune territory. We are grateful to be aliate, the arn and teach on these lands. By acknowledging this traditional territor recognize its histand its significance for the Indigeneoples who lived and continue to live, upon it.

2.0 Diversity and Inclusion

In this class, it is my goal to ensure that students have a great learning experience. For this to happen, consist university code, offensive statements that invivolent to code will not be tole Extend: student in this class must abide

lived experiences (e.g., of minoritization or oppression).

3.0 Course Summary

In this course you will gain-depith understanding of the literature studying memory from multiple methods an theoretical perspectives. You will learn about research exploring the mechanisms that allow us to learn, sto update memories. Along the way, you will gaim Islatilists experimental design.

4.0 Learning Otcomes

In this courseyouwill learn to:

5.0 WeeklyStructure of the Course

Each wee (lafter the first onwai) I go indepth about a given focal area within research in hum, as uppeonted by up to four apers. Content will be posted for each wheeler by edin by ednesday, orning.

Before the start of ach week an update about the events of the week will be postered, with troub often be short introductions ted to the topicith some relevant background

Onsome programming veeks (indicate in a later sect) on the relevant background on the posted, which contains the necessary program and stimuli to run an online experiences with a problem that needs to be fixed.

EveryWedneday(by13:00 EST), a shortesponse (see details in a later sectione) This is either a response to both of the parette weekend Dif it Os a programming was telection on your experience viewing fixing preventually trying out an experiment.

EveryWednesday (13:00-14:30 EST) and Friday (11:30-13:00 EST) we will mestynchronous (ling Macintosh Corry room A3)00 discuss the papers for the West student will active used to be supported by the student will active used to be supported by the student will active used to be supported by the student will active used to be supported by the student will active used to be supported by the student will be supported by the student by t

needed. Details on grace periods, dropping low scores, and alternative options for assignments are incluassessment below.

9.1 Response \$15%]

Each week \(\) Wednesdays at 13:00 EST, you will need to submit a response \(\) ian@ess you are the discussion leader for the week and thought abou

Some of these papers are complex! The inextprector uestions and clarifications. However, these must be asked well before the presentation approaches. If you are the the claim to questions within 24 hours are replied to questions within 24 hours are replied to questions within 24 hours are replied to questions.

9.3 Participation [15%]

This class involves communicating with your peers. First and foremost, in line with university policy, ther tolerance or any language that targets elepsity ving groups, including but not limited to comments that are a homophobic, transphobic, ableist or ageist. Having said that, participation is very important in any semineven more critical with plex paper level will need to talk through some of the details to better understand the This course is meant for the sharing of ideas, and we will want to hear your perspectives. As an added a speaking up in class makes the class more interesticity ag! The instructor, the discussion leader, and the discussion assistant will moderate, awild be ugraded on the basis of your contributions to our weekly group meeting and optional Flip Grid comment that this is not a situation when unit when they would not people of interests and experiences vary, and inherently, you will find some papers into a provoking than others. You should not comment just to comment. Your engagement and posting on Flip be considered in scoring your participation. See Datasous then Participation Guisleline

9.4 Discussion Assistar[t15%]

Live sessions are Whednesdays and Fridays we will cover all of the papers presented for the week. These sessions will take pladed incintosh

Your final project is a Research Proposable (25th by 2359 EST). The standard form of this (read on for alternatives) is a written document that is < 2500 words (~10 pagesedexible dingeferences). Choose a topic of interest in human learning and memcary behinse of the topics covered in class, or a topic of your ochoosing. The Proposal should cover the prior literature on the topic, and a proposed new experiment. It clear from your coverage of the prior literature why an experimental question of your proposed experimental proposed experimental question. Your detailing of your proposed experimental proposed and underestand the predict optionally you can submit a rough, high level description of your plan for control by 528,59 EST his should be no longer than 250 words, but should include the subject area, a few papers that inspired you and a short descript of the methods and predictions. Ito okay if your plan changes completely between and the final due date.

As an alternative, you can write a shorter (~1500 words) coverage of the prior literature and design a that describes the methods, predictions and anticipated writelts, shorteoverage of the prior literature (~1500 words), provide a lab.js experiment (Exported for offline use), and a summand of Exported for offline use), and a summand of Exported for offline use) are not required or preferred, but simply included ptictor give students make matternative to express their thoughts.

Automatic extensions of four days will be allowed for this Final Project.

10.0 Discussion/ParticipationGuidelines

University is a place to share, question and challenge ideas. Each student brings a different lived experience to draw upon. To help one another learn the most we can from this experience please consider the following

- 1. Male a personal commitment to learn about, understand, and support your peers.
- 2. Assume the best of others and expect the best of them.
- Acknowledge the impact of oppression on the lives of other people and make sure your writing is reinclusive.
- 4. Recognize and value the experiences, abilities, and knowledge each person brings.
- Pay close attention to what your peers write before you respond. Think through and reread your write you post or send them to others.
- 6. ItÔs ok to disægweith ideas, but do not make personal attacks.
- 7. Be open to being challenged or confronted on your ideas and to challenging others with the intent of growth. Do not demean or embarrass others.
- 8. Encourage others to develop and share their ideas

11.0 Copyright of Course Materials

Unless therwise stated, the material on the course invelorable all slides, presentation assignments, are the instructor os intellectual property. The material signification and for the sole use of stuglistescretion in PSYC420The material on the website may be downloaded for a registered student os personal use but she distributed or disseminated to anyone other than students registered by the second registerial particles.

QueenÕs students, faculty, administrators and staff all have responsibilities for deling values of academic integrity

This course makes use ofitinare thirdarty application that helps maintain standards of excellence in academ integrity. Normally, students will be required to submit their course assignments through on Q to Turnitin. In students O work will be included as sourcets on the total course assignments through on Q to Turnitin. In students O work will be included as sourcets on the total course assignments through on Q to Turnitin. In students O work will be included as sourcets on the total course assignments through on Q to Turnitin. In students O work will be included as sourcets on the total course assignments through on Q to Turnitin.

Turnitin is a suite of tools that provide instructors with information about the authenticity of submitted work the process of grading. Turoitipæres submitted files against its extensive database of content, and produce similarity report and a similarity score for each assignment. A similarity score is the percentage of a docum similar to content held within the databased bestitot determine if an instance of plagiarism has occurred. Instead, it gives instructors the information they need to determine the authenticity of work as a part of a la

Please readurnitin ©sivacy

12	Nov 2 +25	Dynamics and Interactions	Duncan, Sadanand & Davachi, 2012 ²²	Topic Response #6 due
			Yoo et al., 2012 ²³	Final Project due
13	Nov30+Dec02	Odds and ends	Addis, Wong & Schacter, 2007 ²⁴	Topic Response #7 due
			Clark & Squire, 2013 ²⁵	

18.0 Reading List

¹ Craik, F. I., & Lockhart, R. S. (1972). Levels of processing: A framework for metawanahestekendbal Learning And Verbal Behavilot(6), 67-684. [link]

² Roediger, H. L. (1980). The effectiveness of four mnemonics in ordering refcEkperimental Psychology: Human Learning and Mer6(57),,558[link]

³ Kuhl, B. A., Rissman, J., & Wagner, A. D. (2012) cll/patititerns of visual category metantices eduring episodic encoding are predictive of subsequent rhamacorpsychologia (4), 458169.[link]

²³ Yoo, J. J., Hinds, O., Ofen, N., Thompson, T. W. Qa/britélieloS., Triantafyllou, C., & Gabrieli, J. D. (2012). Whe the brain is prepared to learn: enhancing darmag using retiane fMRI. Neuroimage, 59(1-85246nk)

²⁴ Addis, D. R., Wong, A. T., & Schacter, D. L. (2007). Remembering the past and imaggining theridture:

distinct neural substrates during event construction and Alaboration blog 45(7), 1363 377 [link]

²⁵ Clark, R. E., & Squire, L. R. (2013). Similarity in form and function of the hippocampus in rodents, monkeys humansProceedings of the National Academy of Stilentes 65 0370 [link]