# HOGWARTS SCHOOL OF WITCHCRAFT AND WIZARDRY (OR THE MAGIC OF STATISTICS)



Headmistress (Instructor): Tessa Benson-Greenwald E-mail Address: <u>tmbenson@iu.edu</u> Student/Office Hours via <u>Zoom</u>: Wednesday 9:00 AM – 11:00 AM Thursday 12:00PM – 2:00 PM Or by appointment

> Deputy Headmistress (TA): Mansi Joshi E-mail Address: <u>joshimp@iu.edu</u> Office Hours via Zoom by Appointment

Dear K300 Student,

We are pleased to inform you that you have been accepted to study at Indiana University's secret branch of Hogwarts School of Witchcraft and Wizardry (disguised as a statistics course to fool the muggles, or non-magic folk). Please find enclosed our plan of study.

Yours sincerely,

Tessa Benson-Greenwald Headmistress PSY-K300-SPRING 2022 Section #3438 Mon and Wed, 3:00-4:15PM, PY 226

#### **Your Time At Hogwarts**

Over the next 7 years (15-muggle weeks due to some magical finessing) you will embark on a magical journey as a Hogwarts student. During this time you will learn the ups, downs, ins, and outs of statistical techniques!

## **Goals of a Magical Education (in Statistics)**

Many students think of K300 as a math course – leading to lots of anxiety and concerns about whether or not they can do well in this class. First, every single student is capable of doing well in this class with some hard work and effort. The best way to succeed is to ask questions early and often. I (and Mansi) are here to help you understand but we can only address questions when we know that they are there. I will often check in about what questions you have. However, I also strongly encourage you to ask questions as soon as they come up so I that I can know what you are struggling with.

Second, while it is true that we will perform some calculations, or spells, along the way, this course is NOT about the math. This semester will focus primarily on helping you understand the logic and principles of statistical analyses – working to understand what the numbers do and do not tell you. It will NOT be focused on mindlessly plugging numbers into formulas without knowing why so that you can generate numbers that mean nothing.

By the end of this course, student will be able to:

- Select and calculate appropriate descriptive statistics and make visual representations of data
- Demonstrate an understanding of the importance of sampling randomness and measurement in statistical inference
- Understand population parameters and how to estimate them
- Pick an appropriate statistical technique to test a hypothesis about a particular treatment or experiment
- Explain and interpret p values with respect to the null and alternative hypotheses
- Interpret and manipulate basic statistical notations/formulas. Example formulas will include: mean, variance, standard deviation, calculation of z scores etc.
- Perform a variety of statistical analyses with the appropriate software tools
- Discuss a set of results with respect to real world relevance and suggested next steps
- Identify and critique examples of good and bad statistical reasoning in the popular press

#### **Textbook & Course Materials**

We will not be using a textbook for this course. Instead, information will be presented "lecture-style" via videos posted on Canvas. Any readings/notes will also be provided for you on Canvas. In-person class time will be used to workshop/demo the technology we are using and work through activities that will help you integrate the material from the videos with the applied technology portion of the class.

#### Technology We'll Be Using For Course Content/Communication

**Canvas** will be used for most of the actual course content. All lecture videos/recordings of inclass meetings, quizzes, homework assignments etc. will be posted on Canvas. Homework assignments and exams will be turned in via Canvas. **Please do not use the Canvas-based message service**. 11:00AM, Thursday 12:00PM – 2:00PM.

**IU E-mail** will be used for directly communicating with either myself (the instructor) or Mansi (the TA). I expect you to be checking your IU email account (not just Canvas messages) no less than once a day. I will send frequent messages to the class with announcement, clarifications, instructions and/or updates. You are responsible for the content of these messages exactly as if the material had been presented in class. Saying "I didn't read the e-mail" or "I haven't checked my e-mail for a few days will not be considered a valid excuse for missing information. All class-wide messages will be sent using the Canvas Announcement tool, so archived messages can always be found on the Canvas sites.

**Slack** will be used to provide a more informal communication network and to build community amongst the class (and particularly amongst your house). The system is highly catered to getting you help fast and efficiently from classmates, the TA, and myself. Rather than e-mailing questions to the teaching staff, I encourage you to post your questions on Slack. There are a variety of channels currently set up including: private channels for each of the four houses, a general question channel (Hogwarts\_general), homework question channel, and a technology question channel. Requests for additional channels are welcome.

**Top Hat** will be used to promote in-class participation and engagement. To answer these questions, you will be required to set up a Top Hat account. Your responses to the clicker questions will make up your workshop participation credit.

#### For Statistical Analysis

**Excel** will be used in the first 3 weeks for some introductory statistical calculations such as: Central Tendency, Variability + Standard Deviation, Histograms etc. Workshops using Excel will be conducted using a Windows computer (because that is what I have). Mac-based Excel should work pretty similarly. Google Sheets may have some irregularities. When possible, tutorials for Mac-based Excel and Google Sheets will be posted.

**Web Applets** will be used to get a hands-on understanding of the underlying principals of models and model evaluation. The links to these applets will be provided.

**JASP** will be used to analyze sets of data using a variety of statistical tests such as t-tests, ANOVAs, and correlations. We will not start using JASP until April 2<sup>nd</sup> but when we do JASP will need to be installed onto your computer or laptop. To do so, you can visit the <u>JASP website</u> and then click the "Download JASP" button that is on the front page. That link will take you to a download page where you can pick a Windows, Mac, or Linux version depending on what you are running. I will put out an announcement a week before we need this to remind you to download it and with more information/resources.

#### **Course Format**

Your time at Hogwarts will be spent engaging with a variety of different activities designed to give you a hands-on experience to grow your understanding of the magic of statistics. Traditionally, magical learning involves exploring and learning about the theory that makes magic possible as well as developing a mastery of the application of magic. As we will be learning about the magic of statistics, we will follow in this tradition.

#### PSY-K300-SPRING 2022 Section #3438 Mon and Wed, 3:00-4:15PM, PY 226 *Houses and The House Cup*

You will be sorted into 1 of the 4 Hogwarts houses: Ravenclaw, Hufflepuff, Slytherin, and Gryffindor. These houses will serve 2 main purposes.

**Community.** This is a large class and so having a smaller subset of students with whom you can communicate about assignments and ask questions will hopefully foster some sense of connection with your classmates. You may discuss exams (which are open-book/classmate) with your housemates as long as your work and the answers your submit are your own (more below under Exams).

**House Cup.** Each week, at least 1 optional House Cup Activity will be posted that will give you additional engagement with the course material. These may take the form of review quizzes/activities, submitting questions for topics to review, or reading an excerpt from an actual article (journal or popular press) etc. These activities will be posted with the lecture videos (see below) each week on Sunday and will be "due" by 11:59PM ET (Indiana time) on the following Monday. For example, if a House Cup Activity is posted on 01/16 it will be "due" by Monday 1/24 @ 11:59PM. Although these activities are completely optional, completing them will benefit both you AND your house.

Every time you complete a House Cup Activity it counts toward **your House's point total**. House point totals will be aggregated across house members at the conclusion of each Year in Hogwarts (~every 2 weeks) and the current rankings will be posted. At the end of the semester, bonus course points will be awarded to each house as follows:  $1^{st}$  Place – 4 Bonus points,  $2^{nd}$  Place – 3 Bonus points,  $3^{rd}$  Place – 2 Bonus points,  $4^{th}$  Place – 1 Bonus point. That is, all house members in the  $1^{st}$  place house will receive 4 bonus points added to their final course grade (and so on).

#### Lectures Videos & Lecture Participation

In lieu of a textbook, information will be presented as **pre-recorded lecture videos via Canvas**. Two lecture sets will be posted each week on Sunday (barring any unforeseeable circumstances). You are expected to watch these videos each week prior to coming to class on Wednesday. Along with the videos, **short lecture participation quizzes** will be posted on Canvas. The quiz questions will be similar to the questions posed in the videos and all answers will be available in the lecture materials. You must complete these by **2:59PM ET (Indiana Time) on Wednesday**. **Your score on these quizzes will make up your lecture participation score**.

Each student will have their **five lowest lecture participation scores dropped**. Because each student gets five dropped scores, I do not make a distinction between excused and unexcused missed quizzes. If you miss due to illness, oversleeping, travel, emergency, or do not complete a lecture participation quiz for any reason, participation for that lecture quiz will be recorded as a zero.

Students who need accommodations for observance of religious holidays must contact me as indicated in the <u>academic bulletin</u>. All requests for accommodations must be made before Monday, February 15<sup>th</sup>.

#### Wednesday Workshops and Workshop Participation

On Wednesdays, class will consist of a workshop. These workshops will be used to work through any confusion from the pre-recorded lectures and to explore software-based techniques or performing statistical techniques. During these workshops, I will use clickers (IU's Top Hat response system) to promote engagement and participation in these workshops, with a handful of questions presented each day. **Your completion of these questions will make up your workshop participation credit.** 

There will be **13 of these Wednesday Workshops** and each student will have their **three (3) lowest workshop** participation score dropped. As with the lecture participation, there is no distinction between

PSY-K300-SPRING 2022 Section #3438 Mon and Wed, 3:00-4:15PM, PY 226 excused/unexcused misses of workshop participation. If you miss a workshop for any reason, participation for that workshop will be recorded as a zero.

#### Lab Assignments

On Mondays, class will consist of a "lab". You will work with up to 3 of your classmates to practice the material/tech skills covered in class during Wednesday's workshop. These assignments will be available via Canvas starting **Monday at 1PM** (2 hours before class starts) and **will be due by 11:59PM** on Monday. Although you can and *should* work with your classmates to complete these assignments, **each student will submit their own Lab Assignment and answers should be in your own words.** 

There will be 12 lab assignments and each student will have their three lowest lab assignments dropped. Students planning to use a token to turn a lab assignment in late will need to contact us by 5:00PM ET (Indiana time) on Tuesday, the day after the assignment was due (no exceptions). Assignments turned in late with a token will be accepted NO LATER than one full week after the original deadline (no exceptions). Late lab assignments will not be accepted without a token, if 2 tokens have already been redeemed to turn homework in late, and/or if e-mails requesting to use a token are received after 5:00PM ET (Indiana time) on the due date of a particular assignment.

For each lab day, there will also be a couple of clicker questions (again using IU Top Hat) to help ensure student understanding as you work through these assignments. Your completion of these questions will make up your lab participation credit. There will be 12 lab participation days and each student will have their two (2) lowest participation scores dropped. As with the lecture participation, there is no distinction between excused/unexcused misses of lab participation. If you miss a lab for any reason, participation for that workshop will be recorded as a zero. *Missing lab participation DOES NOT preclude you from being able to submit the lab assignment. If you miss an in-class lab day, you can still turn lab assignments in.* 

## Homework Assignments

There will be 3 "homework assignments" throughout the semester. All of these will be submitted via quizzes in Canvas. The first homework assignment is just to sort you into your houses and for me to get to know you – this will be graded for completion. The other 2 homework assignments will be review quizzes to help you prepare for our exams. Homework assignments are due by 11:59PM on the day they are listed in the syllabus/on Canvas. No assignments will be dropped in this category. But you may retake either HW 2 or HW 3 (review quizzes) up to 2 times (total of 3 tries) and only your highest score will be counted.

#### Exams

There will be two sets of exams throughout your time at Hogwarts, or "semester", the Ordinary Wizarding Levels (OWLs) and the Nastily Exhausting Wizarding Tests (NEWTs). OWLs will open on Wednesday February 16 at 12:00PM and close on Monday February 21<sup>st</sup> at 11:59PM. NEWTs will open on Wednesday April 27<sup>th</sup> at 12:00PM and close on Monday May 2<sup>nd</sup> at 5:00PM (the end of the scheduled final exam period for this course)4. Each exam will cover and test 1) your understanding of the conceptual basis of statistics and 2) your mastery of the concepts you have learned by analyzing new sets of data using the software and tools we have studied. Exams are open-book and you are free to discuss the content and concepts with your classmates/housemates, but you must do your own work and the answers you submit must be your own. On Feb 21 (for OWLS) and Apr 27 (NEWTs) we will have an in-class work day for you to work on your exams and discuss issues. Each exam will focus primarily on the new material learned since the previous exam, but questions about older material may be included as well. There will not be a "final" examination for this class. PSY-K300-SPRING 2022 Section #3438 Mon and Wed, 3:00-4:15PM, PY 226

If you have a scheduling conflict that will interfere with turning in a lab assignment or taking an exam at the scheduled time, you must let me know as soon as possible. With the exception of extreme and unforeseen circumstances, contacting me the exam is due will result in a zero on the work.

#### Tokens

Completion of House Cup Activities will help you (as an individual) earn Course Tokens. Completing 3 House Cup Activities will earn you 1 token and you can earn up to 4 tokens over the course of the semester. To redeem tokens, you must email BOTH Mansi and Me. Tokens can be redeemed for:

- Turning in <u>1</u> Lab Assignment late (1 token)
  - Please note: Students planning to use a token to turn a lab assignment in late will need to contact us by 5:00PM ET (Indiana time) on Tuesday, the day after the assignment was due (no exceptions). Token redemption requests received after that time will not be granted. Assignments turned in late with a token will be accepted NO LATER than one full week after the original deadline (no exceptions). Up to 2 tokens total (2 lab assignments) may be redeemed over the course of the semester.
- Turning in <u>1</u> Lecture Participation Quiz late (1 token)
  - Please note: Students planning to use a token to turn a lab assignment in late will need to contact us by 5:00PM ET (Indiana time) on Thursday, the day after the quiz was due (no exceptions). Token redemption requests received after that time will not be granted. Quizzes turned in late with a token will be accepted NO LATER than one full week after the original deadline (no exceptions). Up to 2 tokens total (2 quizzes) may be redeemed over the course of the semester.
- Granting 1 bonus point on <u>1</u> Lecture Participation quiz (1 token)
  - Please note: When emailing to redeem a token for bonus points, please indicate which lecture participation quiz you would like to use it on. Requests to use a token to be granted 2 bonus points on a lecture participation quiz must be submitted by Tuesday of finals week (May 3) by 5:00PM. No exceptions. Only 1 token (1 quiz granted 2 bonus points) may be redeemed over the course of the semester.
- Granting 2 bonus points on <u>1</u> lab assignment (1 token)
  - Please note: When emailing to redeem a token for bonus points, please indicate which lab you would like to use it on. Requests to use a token to be granted 2 bonus points on a lab assignment must be submitted by Tuesday of finals week (May 3) by 5:00PM. No exceptions. Only 1 token (1 assignment granted 2 bonus points) may be redeemed over the course of the semester.
- Granting 2 bonus points on <u>1</u> Exam (2 tokens)
  - Please note: Requests to use tokens to receive 2 bonus points on either exam (OWLs or NEWTs) must be submitted by Tuesday May 3 @ 5:00PM. Only 2 tokens (1 exam granted 2 bonus points) may be redeemed over the course of the semester.

# PSY-K300-SPRING 2022 Section #3438 Mon and Wed, 3:00-4:15PM, PY 226

Your final grade is based on your total points earned divided by the total points available in the class. A summary breakdown of the point allotment per assignment group etc. is given in the below table.

Assignment Type	# offered	# dropped	Points Per Assignment	Total Points
Lecture Participation	19	4	10	150
Workshop Participation	13	3	15	150
Lab Participation	12	2	15	150
Lab Activities	12	3	50	450
Homework 1	1	0	50	50
Homework 2 + 3	2	0	75	150
Exams (OWLs and NEWTs)	2	0	200	400
Course Total	-	-	-	1500

#### **Grading Scale**

A+: 1455 - 1500 pts	A: 1395 – 1064.99 pts	A-: 1350 - 1394.99 pts
B+: 1305 – 1349.99 pts	B: 1245 – 1304.99 pts	B-: 1200 – 1244.99 pts
C+: 1155 – 1199.99 pts	C: 1095 – 1154.99 pts	C-: 1050 – 1094.99 pts
D+: 1005 – 1049.99 pts	D: 945 - 1004.99 pts	D-: 900 – 944.99 pts
F: Below 900 pts		

## **Student Responsibility**

It is your responsibility to double-check your assignment and exam grades – both that the papers themselves were correctly graded and that the scores posted on Canvas match your actual grades. You have two weeks from the time an assignment is returned to the class to address any grading issues. After that, the grades posted on Canvas will be considered final.

#### Feedback

Do not wait until the end of the semester course evaluations to let me know that I could be doing something better. Tell me as soon as possible so that I can make the class valuable and relevant as we go along. If you have any feedback, good or bad, about the course or how it's being taught, please feel free to send it to me *anonymously* using <u>this link</u>. The feedback goes directly to my IU email address and your name is not associated with it in any way.

#### Extra Credit?

Beyond bonus points that will be awarded through the House Cup and redemption of individual tokens, one or two extra credit assignments may be provided to the class throughout the semester at the discretion of the instructor. **Individual requests for extra credit assignments will be ignored**. Any extra credit opportunities that are made available will be made available to the entire class.

#### **Academic Honesty**

The course is conducted under the University's Ethics Code. Specifically, it is considered cheating if you obtain any kind of information about answers and solutions to the assignments in this course – exams and homework – from any non-intended source or conversely transfer such information to others. It is

## PSY-K300-SPRING 2022

Section #3438

Mon and Wed, 3:00-4:15PM, PY 226

also considered cheating if you lie to me about an absence relating to a homework, exam, or lecture participation quiz/workshop or lab participation. The punishment for academic dishonesty will be no less than a zero on the assignment or exam and will likely be **failure of the course**. As per university policy, *all* incidents of academic misconduct must be reported to the Dean of Students office.

## **Class Recordings**

As mentioned, lecture and workshop recordings will be posted to Canvas. You may watch any of the recordings online or download them for off-line viewing on your computer, smartphone, or media player. These recordings are copyrighted by me and provided by me and the University for your personal use. You may not share them, in whole or in part, without my prior written permission. Please see the copyright statement below for the full terms of use.

## **Statement for Students with Disabilities**

Every attempt will be made to accommodate qualified students with disabilities (e.g. mental health, learning, chronic health, physical, hearing, vision neurological, etc.) You must have established your eligibility for support services through the appropriate office that services students with disabilities. Note that services are confidential, may take time to put into place and are not retroactive; Captions and alternate media for print materials may take three or more weeks to get produced. Please contact Disability Services for Students at <u>http://disabilityservices.indiana.edu (Links to an external site.)</u> or 812-855-7578 as soon as possible if accommodations are needed. The office is located on the third floor, west tower, of the Wells Library, Room W302. Walk-ins are welcome 8 AM to 5 PM, Monday through Friday. You can also locate a variety of campus resources for students and visitors that need assistance at: <u>http://www.iu.edu/~ada/index.shtml</u>

## Sexual Misconduct and Title IX Policy

As your instructor, one of my responsibilities is to create a positive learning environment for all students. Title IX and IU's Sexual Misconduct Policy prohibit sexual misconduct in any form, including sexual harassment, sexual assault, stalking, and dating and domestic violence. If you have experienced sexual misconduct, or know someone who has, the University can help.

If you are seeking help and would like to speak to someone confidentially, you can make an appointment with:

- The Sexual Assault Crisis Services (SACS) at (812) 855-8900 (counseling services)
- Confidential Victim Advocates (CVA) at (812) 856-2469 (advocacy and advice services)
- IU Health Center at (812) 855-4011 (health and medical services)

It is also important that you know that Title IX and University policy require me to share any information brought to my attention about potential sexual misconduct, with the campus Deputy Title IX Coordinator or IU's Title IX Coordinator. In that event, those individuals will work to ensure that appropriate measures are taken and resources are made available. Protecting student privacy is of utmost concern, and information will only be shared with those that need to know to ensure the University can respond and assist.

I encourage you to visit stopsexualviolence.iu.edu (Links to an external site.) to learn more.

## **Biased-Based Incident Reporting**

Biased-based incident reports can be made by students, faculty, and staff. Any act of discrimination or harassment based on race, ethnicity, religious affiliation, gender, gender identity, sexual orientation or disability can be reported through any of the options:

PSY-K300-SPRING 2022 Section #3438 Mon and Wed, 3:00-4:15PM, PY 226 1) email biasincident@indiana.edu or incident@indiana.edu; 2) call the Dean of Students Office at (812) 855-8188 or 3) use the IU mobile App (m.iu.edu (Links to an external site.)). Reports can be made anonymously.

## Copyright

Copyright Tessa Benson-Greenwald and Indiana University, 2022. All federal and state copyrights in these course materials are reserved by their respective creators. You are authorized to take notes in class and/or record my lectures for your own personal use. You may not make any commercial use of my course materials or profit from them in any way without my prior written permission. In addition to legal sanctions for violations of copyright law, students found to have violated these prohibitions may be subject to University disciplinary action under the <u>Code of Student Conduct</u> and/or violations of the <u>University's Technology Acceptable Use Policies</u>.

#### This is an Inclusive Course

In our K300 course, all students are welcome regardless of race/ethnicity, gender identities, gender expressions, sexual orientation, socio-economic status, age, disabilities, religion, regional background, Veteran status, citizenship status, nationality, and other diverse identities that we each bring to class.

#### **COVID-19 Related Policies**

#### Health and Safety:

IU is following recommended public health guidance in response to the pandemic. In recognition of all IU community members owe to each other, we expect every member of the IU community will adhere to all current policies and practices. For current information on that guidance see <a href="https://covid.iu.edu">https://covid.iu.edu</a> (Links to an external site.). Students are expected to follow the university directives and the classroom policies established by their instructors. Willful non-compliance with campus or instructor policies will be considered personal misconduct and will be handled following the procedures outlined in the <a href="https://covid.iu.edu">Student Code of Conduct</a> (Links to an external site.).

This means that until otherwise noted, masks MUST be worn in the classroom and be worn properly (covering BOTH the mouth and the nose).

Attendance Policies: As noted above, points will be allocated for completing workshop/lab clicker questions in class. If you have a positive COVID-19 test, have COVID-like symptoms, or have been instructed quarantine you should not attend class. To ensure that you can do this, the 3 lowest workshop and 2 lowest lab participation scores will be dropped. Additionally, alternative assignments or make-ups for those points may be offered on a case-by-case basis.

PLEASE work with your instructor to determine a path to continue your progress in the class during these absences, in whatever way the instructor determines fits within course objectives.

#### DISCLAIMERS

1) This syllabus is an outline of the course and its policies, which may be changed for reasonable purposes during the semester at the instructor's discretion. You will be notified in class and/or via email if any changes are made to this syllabus, and an updated syllabus will be provided on Canvas.

2) J.K. Rowling, the author of the Harry Potter series, holds some deeply problematic and exclusionary beliefs that have been made public over the past year or so. We actively condemn these statements and views. As an inclusive environment, we welcome and value all.

	M Jan 10		Due			
		Introductions/Syllabus				
		Lecture Videos: Levels of Measurement (LoM)				
1	W Jan 12	Workshop/Lab - Levels of Measurement	#1			
	M Jan 17	MLK Jr. Day – No Class				
	Lecture Videos: Central Tendency + Variability					
2	W Jan 19	Excel Workshop - Basics				
	M Jan 24	Excel Lab - Basics				
	Lecture Videos: Normal Distributions and Z Scores					
3	W Jan 26	Excel Workshop – Variability, Plots, + Z-Scores				
	M Jan 31	Excel Lab– Variability, Plots, + Z-Scores				
	Lecture Videos: Models and Model Evaluation					
4						
_						
5						
Ordinary	M Feb 14		#2			
6						
	M Feb 21					
7						
	M Feb 28					
	Lecture Videos: Statistical Significance					
8	W Mar 2	Simulator Workshop: p-values and Statistical Significance				
	M Mar 7	Simulator Lab: p-values and Statistical Significance				
	Lecture Review Videos: Model Evaluation through Statistical Significance					
	W Mar 9	Simulator Review Workshop				
9	M Mar 14					
	W Mar 16	NO CLASS - SPRING DREAK				
	M Mar 21	Simulator Review Lab				
		Lecture Videos: t-tests, Confidence Intervals (CIs), Effect Size				
10	W Mar 23	JASP Workshop: Basics, t-tests, Cls, Effect Size				
	M Mar 28	JASP Lab: Basics, t-tests, CIs, Effect Size				
		Lecture Videos: ANOVAs				
11	W Mar 30	JASP Workshop: ANOVAs				
	M Apr 4	JASP Lab: ANOVAs				
		Lecture Videos: Complicating ANOVAs				
12	W Apr 6	JASP Workshop: Complicating ANOVAs				
	M Apr 11	JASP Lab: Complicating ANOVAs				
	Lecture Videos: Correlations					
13	W Apr 13	JASP Workshop: Correlations				
	M Apr 18	JASP Lab: Correlations	#3			
14		Lecture Review: t-tests through Correlations				
	4 5 6 7 8 9 10 11 12	3 W Jan 26   M Jan 31   4 W Feb 2   M Feb 7   4 W Feb 2   M Feb 7   5 W Feb 9   M Feb 14   6 W Feb 14   7 W Feb 21   7 W Feb 23   M Feb 23 M   7 W Mar 2   M Mar 1 M   8 W Mar 2   M Mar 14 W   W Mar 23 M   M Mar 23 M   M Mar 30 M   M Apr 4   12 M	Lecture Videos: Normal Distributions and Z Scores   3 W Jan 26 Excel Workshop – Variability, Plots, + Z-Scores   4 W Feb 2 Simulator Workshop – Evaluating Models   4 W Feb 2 Simulator Lab – Evaluating Models   5 W Feb 7 Simulator Lab – Evaluating Models   6 W Feb 7 Simulator Review: Excel + Simulator   5 W Feb 9 Workshop Review: Excel + Simulator   6 W Feb 14 Excel/Simulator Review Lab   7 W Feb 16 No Class – Ordinary Wizarding Levels (Exam 1) opens   6 W Feb 13 Simulator Workshop: Coins, Matching, p-values   7 W Feb 23 Simulator Workshop: p-values and Statistical Significance   8 W Mar 2 Simulator Lab: p-values and Statistical Significance   8 W Mar 16 NO CLASS – SPRING BREAK   9 M Mar 14 NO CLASS – SPRING BREAK   9 M Mar 12 Simulator Review Lab   10 W Amr 30			

#### PSY-K300-SPRING 2022

#### Section #3438

Mon and Wed, 3:00-4:15PM, PY 226

		М	Apr 25	NEWTs Exam (Exam 2) Review
Nastily Muggle		No Lecture Videos		
Exhausting Finals Wizarding Week Tests	W	Apr 27	Nastily Exhausting Wizarding Tests (Exam 2) - opens	
	М	May 2	NEWTs (Exam 2) – due @ 5:00pm (Indiana Time)	
		Т	May 3	Final day to redeem tokens; must e-mail by 5:00pm (Indiana Time)