

# HON H300, Fall 2014

## Statistical Techniques HHC Lab – Syllabus

### CLASS TIME AND PLACE

Section 19422

Mon, 11:15 AM – 12:05 PM, PY 286

Tu/Th, 1:00 – 2:15 PM, PY 226

### INSTRUCTOR INFORMATION

Instructor: Rick Hullinger

Office: PY A300B

Office Hours:

Mondays 12:15 – 1:15 PM in PY A300B

Wednesdays 2:30 PM – 4:00 PM in PY 230

Or by appointment

Office Telephone: 856-6854

Email Address: [rahullin@indiana.edu](mailto:rahullin@indiana.edu)

### TEACHING ASSISTANT INFORMATION

Teaching Assistant: TBA

Office Hours: By Appointment

Email Address: TBA

### TEXTBOOK

Nolan and Heinzen Essentials of Statistics for the Behavioral Sciences, 2<sup>nd</sup> edition. This class will be using an online version of the textbook (no paper text) through the publisher's StatsPortal site. You must purchase a StatsPortal access card from the bookstore or from [the publisher's website](#) in order to access the textbook and complete the homework assignments.

You **must** have access to the web portal for this course. A significant portion of the homework assignments in this class will be accessed through the portal. If you do not purchase portal access, you will not be able to complete and submit those assignments.

Please contact me immediately if you have any trouble obtaining StatsPortal access.

### HOMEWORK AND EXAMS

There will be 10 homework assignments in the course. Some of the problems will be written out and turned in during class, some will come from the textbook's Stats Portal and will be completed and graded online. This honors section will also work through real-world data analysis scenarios using SPSS and submit their answers and SPSS output via Oncourse's Assignments tab. The details for each homework assignment will be posted on Oncourse, and each assignment will be due on the specified date at the beginning of class. **Late homework will not be accepted.** I will not hand out hard copies of the homework assignments or photocopies of the problems from the textbook. It is your responsibility to get the assignments from Oncourse and to get the problems from the textbook.

Your homework must be neat, well organized and easy to read and follow. Grading statistics homework is tedious at best; please respect your TAs by making it as easy on them as possible by doing the problems in order and clearly marking your final answers. I have given the TAs the ability to deduct points from homework that is particularly disorganized or hard to follow, so it is in your best interest to be clear.

When calculating your final homework score, I will drop your lowest homework grade. The top 9 homework assignments together contribute 30% to your final grade.

There will be three in-class exams during the course of the semester and an optional cumulative final exam during finals week. Each exam will cover theories and your understanding of the conceptual basis of statistics as well as the computational mechanics. The exams will be closed-book and closed-note, but I will provide a formula sheet that has all of the necessary mathematical formulas for the material. Each exam will focus primarily on the new material learned since the previous exam, but questions about older material will be included as well.

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

**If you have a scheduling conflict or cannot take any of the exams at its appointed date and time, you must let me know as soon as possible. With the exception of extreme and unforeseen circumstances, contacting me the day of (or even worse, after) the exam will be**

Your final grade is computed using one of the following formulas:

If you do not take the final exam:

Average of the 9 best homeworks:	30%
Average of the 3 in-class exams:	70%
	100%

If you do take the final exam:

Average of the 9 best homeworks:	30%
Average of the 3 in-class exams:	45%
Final exam:	25%
	100%

#### **Grading Scale:**

A+: 97.0%-100%;	A: 93.0%-96.99%;	A-: 90.0%-92.99%
B+: 87.0%-89.99%;	B: 83.0%-86.99%;	B-: 80.0%-82.99%
C+: 77.0%-79.99%;	C: 73.0%-76.99%;	C-: 70.0%-72.99%
D+: 67.0%-69.99%;	D: 63.0%-66.99%;	D-: 60.0%-62.99%
F: Below 60%		

#### **EXTRA CREDIT**

**I do not offer any extra credit in this course.** If you put all of the effort that you might invest in worrying about extra credit and proposing extra credit ideas into making sure that your assignments are done and done well the first time, you'll achieve much better results.

### **CLICKERS**

Clickers (Turning Technologies Response Card keypads) will be used in this class, and I **require** that you have one. I recommend the ResponseCard NXT so that you can respond to both multiple-choice and numeric questions. However, if you already own the RF keypad or cannot afford the NXT, you may use the RF keypad. I do not intend to use the clickers to take attendance or for graded in-class quizzes. Instead, they will be used as a way for me to get instant, anonymous feedback about whether you understand the concepts being taught, and to quickly collect data for in-class experiments and examples. If it appears that many of you are not bringing your clickers to class with you, I do reserve the right to change my policy to encourage clicker compliance.

### **EMAIL**

I expect you to be checking your IU e-mail account no less than once a day. I will send frequent messages to the class with announcements, 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 that 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 e-mail messages are archived by the Oncourse Email Archive tool and will be available for reference throughout the course.

### **RESPECT**

In order for this class to work well, there must be a certain level of respect between you and me and between you and your fellow classmates. Please be smart with your in-class behavior. If you have to arrive late, enter quietly and sit in the back. If you believe that you may leave early, please sit in the back and slip out quietly. Please turn off your cell phones and do not text-message your friends while I'm teaching. If you are being disruptive to me or to the class, I will ask you to leave.

### **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 this link:

<http://www.indiana.edu/~rahteach/feedback.html>

### **ACADEMIC HONESTY**

This 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 (including your peers) or conversely transfer such information to others. It is also considered cheating if you lie to me about an absence relating to a homework assignment or an exam. The punishment for academic dishonesty is **failure of the course**. As per university policy, *all* incidents of academic misconduct must be reported to the Dean of Students office.

### **CLASS RECORDINGS**

I will be using a course capture system that allows us (me and UITS) to audio- and video-record and distribute lectures to you in a secure environment.

Because we will be recording in the classroom, your questions or comments may be recorded. You may watch 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 solely for your personal use in connection with your academic coursework at IU. You may not share them with students outside the classes for which they are provided, or anyone else, or post them to another website (including YouTube, Facebook, BlipTV, or any other site) without express, written permission from your instructor. You may not retain the recordings after the course is over. Please be aware that any unauthorized use, copying, or distribution of these recordings may result in disciplinary action and may also lead to civil or criminal penalties.

Due to possible unforeseen technical issues, we cannot guarantee that all class sessions will be properly recorded. It is important that you attend class, actively participate, and take notes. If you miss a class session, you cannot assume that a recording will be available.

#### **STATEMENT FOR STUDENTS WITH DISABILITIES**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact IU Disability Services for Students.

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Copyright Richard A. Hullinger, 2014. All federal and state copyrights in my lectures and course materials are reserved by me. You are authorized to take notes in class for your own personal use and for no other purpose. You are not authorized to record my lectures or to make any commercial use of them whatsoever. You are not authorized to provide them to anyone else other than students currently enrolled in this course, 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 Code of Student Conduct. If I find that my course materials are being made available to others in violation of this policy, I reserve the right to limit or remove access to all slides, notes, review materials, and lecture recordings.

#### **DISCLAIMER**

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 Oncourse.