

# Spring 2013 SOC S110 Charts, Graphs, and Tables

Section: 27075

Class Time: Tuesday and Thursday 4:00-5:15PM

Class Location: Wylie Hall 015

24%

39%

Instructor: Long Doan  
Email: longdoan@indiana.edu (best way to contact me)  
*Please include "S110" in the subject line*  
Mailbox: Ballantine Hall 744 under "Doan"  
*The sociology office is open Monday–Friday 8AM–4PM*  
Office: Weatherly Hall 003  
Office Hours: Tuesday 2:45–3:45PM, Wednesday 11:45AM–12:45PM & by appointment  
*I will hold office hours in the large seating area of the IMU Starbucks. Because this is a public area, if you need to meet about sensitive issues such as grades please make an appointment.*  
TA: Melody Mostow  
Email: memostow@umail.iu.edu  
Office Hours: Thursday 2:30–3:30PM in the IMU Starbucks

## (( COURSE DESCRIPTION ))

The goal of this course is to teach you to become critical consumers of social statistics and their presentation in our daily lives. You will become familiar with the central concepts and techniques that sociologists use to understand the social world, as well as the fundamental concepts of sociology. Examples from various subfields within sociology are used to illustrate each concept.

## (( COURSE OBJECTIVES ))

When you successfully complete this course, you will have:

- The ability to read and understand social statistics
- The ability to produce and present data in meaningful ways
- The ability to apply the sociological perspective to social problems

## (( COURSE REQUIREMENTS ))

### Required Readings:

- Lane, David M. *Online Statistics Education: A Multimedia Course of Study* (<http://onlinestatbook.com/2/> and on OnCourse; Referred to as "Lane" in schedule).
- Huff, Darrell. 1954. *How to Lie with Statistics*. (Referred to as "Huff" in schedule)
- Powell, Brian, Catherine Bolzendahl, Claudia Geist, and Lala Carr Steelman. 2012. *Counted Out: Same-Sex Relations and Americans' Definitions of Family*. (Referred to as "Powell" in schedule)
- Additional readings posted to OnCourse. (Referred to as "OC" in schedule)

Readings are to be completed *before* the lecture under which they are listed.

**Calculator:** A scientific calculator is required for the course. Laptops, cellphones, and other electronic devices will not be allowed during exams. Please bring your calculator to class each day because it may be necessary to complete in-class exercises.

(( GRADING ))

**Participation** 10%

You will earn participation points through involvement in class discussions, and group exercises in a reflective and critical manner. If you are uncomfortable speaking in class, you may also earn participation points by demonstrating to me that understand and are actively thinking about and applying the course materials. This may be in the form of reflective emails and comments, sending me materials that relate to the course, etc.

**Daily Exercises** 20%

There will be daily exercises designed to gauge your understanding of the day's readings and lectures. These exercises may take place at any point during the class. You will receive a check (full credit), check minus (half credit), or zero on the daily exercises. A check indicates that you have demonstrated a solid understanding of the material. A check minus indicates that you should review the materials and discuss them with Melody or me. A zero indicates that you did not turn in a daily exercise. There are 25 daily exercises beginning with the class on 1/15 except on exam days. I will drop your lowest 5 exercises in my calculations.

**Exam #1 Tuesday, 2/5** 15%

Exam #1 will include information from lectures, readings, and class discussions up to Thursday, 1/31.

**Exam #2 Tuesday, 3/5** 15%

Exam #2 will include information from lectures, readings, and class discussions up to Thursday, 2/28, with an emphasis on materials not already covered on Exam 1.

**Exam #3 Thursday, 4/4** 15%

Exam #3 will include information from lectures, readings, and class discussions up to Tuesday, 4/2, with an emphasis on materials not already covered on Exams 1 & 2.

**Group Project** 25%

The group project is a way for you to apply the knowledge you acquire in the course to a social issue. You will collect your own data and apply the concepts we discuss in class for the project. Your grade consists of an 8-minute group presentation and a 5-8 page written report. More details are forthcoming.

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**Total** 100%

(( GRADING SCALE ))

A+	98	100%	B+	87	89.9...%	C+	77	79.9...%	D+	67	69.9...%
A	93	97.9...%	B	83	86.9...%	C	73	76.9...%	D	63	66.9...%
A	90	92.9...%	B	80	82.9...%	C	70	72.9...%	D	60	62.9...%
									F	0	59.9...%

(( COURSE POLICIES ))

**Attendance Policy:** Your success in this course depends on attending class. I expect all students to be on time and stay for the entire class. If you arrive late or leave early, you are counted absent for the day.

Although attendance is required, I understand that there are legitimate reasons for absences over the course of the semester (such as illness or emergency). Therefore, *you may miss up to four (4) classes without penalty* (you do not need to provide me with reasons for your absences). After that, I will deduct 3% from your final grade for *each additional absence even if you have a note from the doctor, a family emergency, or any other legitimate reason*. In other words, you should save your four “free” absences for days when you are actually sick or have unplanned emergencies. Exceptions apply only to university-sanctioned events such as religious holidays. If you intend to miss class for a university-sanctioned event you are *required* to notify me within the *first week* of the semester and provide the appropriate documentation.

Regardless of the reason for your absence, you are responsible for all materials and announcement made in your absence. I suggest you find a “course buddy” who you can contact to obtain notes if you do miss class. I will *not* provide notes or lecture materials that you missed.

**Participation Policy:** I expect students to participate in class discussion. At a minimum, you should complete the assigned readings prior to class and be able to show that you are actively engaging with the course material. For most students, participation will be graded through their involvement in large class discussions and small group activities. However, *if you are uncomfortable speaking in class*, note that I also consider such things as coming to office hours and sending me e-mails with reflective comments, questions, and relevant materials as evidence that you’re engaging with the course material. Meaningful and constructive discussions are required in this class. To have such discussions, however, we all need to show mutual respect, a willingness to listen, and tolerance of opposing points of view. Disruptive, disrespectful, or otherwise uncivil comments will not be tolerated.

**Sustainability:** According to the IU Office of Sustainability, nearly 15% of the paper used in STC labs is left behind as unwanted pages each year. Please do not print course materials unless necessary. When printing, try to print only the pages that you need, and make sure to enable duplexing (double-sided printing). Visit the STC sustainability website for more tips on printing responsibly (<https://stcweb.stc.indiana.edu/public/GoGreen/STCPrintLess.cfm>).

**Electronic Devices:** You may use electronic devices for class-related tasks. The use of electronic devices for non class-related activities, especially cell phones, is prohibited during class. Please turn off non-essential (for class-related activities) electronic devices prior to coming to class. Putting your phone on vibrate is still extremely distracting if it goes off during

class, as is constantly checking your phone during class even if it is silenced. If you are caught using your cell phone or other distracting electronic devices for non class-related activities, you *will be marked absent for the day*. This policy is enforced out of respect for your fellow classmates. Additionally, no electronic devices are permitted on exam days (except for scientific calculators).

**Incompletes:** In accordance with University policies, I will not grant an incomplete except in unusual circumstances beyond your control. If such circumstances should arise, you should contact me as soon as the problem arises and provide me with the appropriate documentation.

**Make-Up Exams:** Make-up exams typically will not be given. The only exceptions are extreme and unusual circumstances beyond your control and university-sanctioned events such as religious observances, which require notification within the *first* week of the semester. Make-up exams, if given, will be different from exams given in class.

**Honor Code:** Academic dishonesty of any form will not be tolerated. Any student who presents the work of another (student or otherwise) as his or her own will receive a grade of an F in the course. Likewise, any student who allows another to plagiarize from him or her will receive a grade of an F in the course. *No exceptions* will be made. Please see the Code of Student Rights, Responsibilities, and Conduct for university policies on academic misconduct and academic dishonesty (<http://www.iu.edu/~code/>).

**Special Needs:** The staff of Disability Services for Students (812.855.3508; <http://www2.dsa.indiana.edu/dss/>) coordinates accommodations and services for IU courses. If you have a disability for which you may request accommodation and have not already contacted them, please do so as soon as possible. Please also see me privately in regard to this course as soon as possible.

**Campus Resources:** IU provides several resources to help students succeed academically. I encourage you to make use of these resources if you need them.

IU Writing Tutorial Services: <http://www.indiana.edu/~wts/>

IU Student Academic Center: <http://sac.indiana.edu/>

IU Academic Support Center: <http://www.indiana.edu/~acadsupp/ASChome.shtml>

**Contacting Me:** If you need to contact me for any reason, the best way to do so is through email ([longdoan@indiana.edu](mailto:longdoan@indiana.edu)) or during my office hours (Tuesday 2:45 3:45PM and Wednesday 11:45AM 12:45PM in the IMU Starbucks). When sending me an email, please be sure to include "S110" in the subject line. I filter my emails based on subject lines and if you do not put S110 in the subject line, I will probably not receive it. I realize that my open office hour times may not work for everyone. If you are unable to come to my scheduled office hours, I am happy to meet with you at another time. Please email me to set up an appointment

and include several times that are good for you to avoid numerous email exchanges nailing down a time. Similarly, if you wish to discuss sensitive issues such as your grade, please set up an appointment with me.

**Contacting Melody:** You may also contact Melody with any questions regarding the material and assignments. The best way to do so is through email (memostow@umail.iu.edu) or during her office hours (Thursday 1:15-2:15PM in the IMU Starbucks). Please be sure to include "S110" in the subject line.

**Disclaimer:** I reserve the right to make changes to any part of the course during the semester as necessary. I will announce any such changes in class. You are responsible for noting the changes and preparing for class accordingly.

(( **COURSE SCHEDULE** ))

**Note:** Readings are to be completed *before* the lecture under which they are assigned.  
 OC = OnCourse (oncourse.iu.edu/portal/site/s110sp2013); Lane = *Online Statistics Education* (<http://onlinestatbook.com/2/> and on OnCourse as a pdf); Huff = *How to Lie with Statistics*; Powell = *Counted Out: Same-Sex Relations and Americans' Definitions of Family*.

<b>T 1/8</b>	Introduction, syllabus review, Q&A
<b>Th 1/10</b>	Introduction to sociology <b>Reading:</b> OC Berger; OC Mills
<b>T 1/15</b>	Data and variables <b>Reading:</b> Lane Section 1B-1C (Pp. 10-19); 1E-1H (Pp. 26-39)
<b>Th 1/17</b>	Conceptualization and operationalization Group project discussion <b>Reading:</b> Lane Section 6A-6B (Pp. 218-225); Powell Appendix 1B
<b>T 1/22</b>	Qualitative research methods <b>Reading:</b> OC Adler; OC Weiss
<b>Th 1/24</b>	Quantitative research methods <b>Reading:</b> OC Lovaglia; OC Schuman
<b>T 1/29</b>	Samples, populations, and sampling <b>Reading:</b> Lane Section 1D (Pp. 20-25); 1I (Pp. 40-51)
<b>Th 1/31</b>	How sociologists study populations <b>Reading:</b> Powell Ch. 1, Appendix 1A
<b>T 2/5</b>	<b>Exam #1</b>
<b>Th 2/7</b>	Group project discussion Group proposal due Friday, 2/8 before noon (12PM) to OnCourse <b>Reading:</b> Powell Ch. 2 & 3

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T 2/12	Sampling techniques <b>Reading:</b> OC NAO <i>Early evaluation grades available Monday 2/11</i>
Th 2/14	Evaluating sampling frames <b>Reading:</b> Huff Ch. 1
T 2/19	Measures of centrality <b>Reading:</b> Lane Section 3A1-3A6 (Pp. 121-133)
Th 2/21	Measures of centrality (continued) <b>Reading:</b> Lane Section 3A9 (Pp. 138 141); Huff Ch. 2
T 2/26	Excel Workshop ( <i>meet in Wylie 125</i> ) Project discussion <b>Reading:</b> Powell Ch. 4 & 5
Th 2/28	Presenting centrality <b>Reading:</b> Lane Section 2A-2B (Pp. 64 111)
T 3/5	<b>Exam #2</b> <i>Last day to drop with automatic W, Wednesday 3/6</i>
Th 3/7	Measures of spread Group project data due before noon (12PM) to OnCourse <b>Reading:</b> Lane Section 3B-3C (Pp. 142 151); OC SCU
T 3/12	Spring break no class
Th 3/14	Spring break no class
T 3/19	Spread, central limit theorem, asymptotics <b>Reading:</b> Lane Section 10A-10E2 (Pp. 319 328); OC Minitab
Th 3/21	Confidence in practice <b>Reading:</b> Huff Ch. 3, 4
T 3/26	Association <b>Reading:</b> Lane Section 4A (Pp. 161 163)
Th 3/28	Association (continued) <b>Reading:</b> Lane Section 4B-4D (Pp. 164 174); Section 6F (237 239); Huff Ch. 8
T 4/2	Choosing among tools <b>Reading:</b> Huff Ch. 5-7
Th 4/4	<b>Exam #3</b>
T 4/9	Excel Workshop ( <i>meet in Wylie 125</i> ) Project discussion <b>Reading:</b> Powell Ch. 6 & 7
Th 4/11	Group presentations
T 4/16	Group presentations

<b>Th 4/18</b>	Group presentations
<b>T 4/23</b>	Group presentations
<b>Th 4/25</b>	Wrapping up, where to from here Reading: Huff Ch. 9, 10; Powell Ch. 8
<b>F 4/26</b>	<b>Group Project Written Report due before noon (12PM) to OnCourse</b> <i>Final grades available by Wednesday, 5/8</i>