

Syllabus for Semester **Fall 2017**

Department of Labor Studies and Employment Relations - Rutgers University

A. **38:578:604:01** Creating and Administering Surveys

B. Course Description: Issues for online, mail, telephone, and in-person surveys given their intended use. Samples: item construction; scaling; measurement validity & reliability; improving response rates; ethical research.

C. Course Objectives:

Goal II, Quantitative Skills – Apply appropriate quantitative and qualitative methods for research workplace issues.

Goal III, Research Skills – Demonstrate an ability to collect, analyze and synthesize information to make logical and informed decisions impacting the workplace. Use evidence to evaluate hypotheses, theories and approaches to workplace issues.

Formulate, evaluate and communicate conclusions and inferences from quantitative information.

D. Meeting Times: **Thursdays, 3:55 – 6:55 PM**

Meeting Location: C/D, LEC (Labor Education Center), Room 133

<http://rumaps.rutgers.edu/location/labor-education-center>,

E. Professor: Sheila M. Lawrence, Ph.D.

F. Email ID: smlawren@smlr.rutgers.edu

G. Office Hours: In the James Carey Library, in the building, prior to class from **3:00-4:00 PM, before class** or by appointment. If you attend my other class's office hours, please e-mail me so that I am best prepared.

H. Text: Ruel, E., Wagner, W., and Gillespie, B., **The Practice of Survey Research: Theory and Applications**, Sage Publishers, Los Angeles, CA., 2016, ISBN, 978-1-4522-3527-1

Excel Work can be done at the library or the computer labs. If you do not have a help option, your version of Excel, Excel Light, or the student version, as well as open source software does not have Data Analysis. Further details are in part **X** below.

I. Human Subjects Certification – Students will earn their human subjects certification, an effective resume-builder, through the Institutional Review Board (IRB). Certification for IBR (Report ID 19037103) was awarded to me on March 15, 2016 through the Collaborative Institutional Training Initiative (CITI Program) here at Rutgers.

J. Assessments: This class is hands-on and features assessment of projects and assignments, rather than a lecture course that uses exams to assess learning. Course assessment is calculated as a weighted average of the following projects:

Note: All assignments are to be uploaded to the Assignments Folder and are to be submitted in paper form per the respective due date.
Group Work can be done individually if requested.

	Project Letter	Assignment	Group and/or Individual	In-Class and/or at Home	Weight of Grade	Target Due Dates	Critical Due Dates
Background	A	Types of Research and Classifying Variables	Individual/Pairs	Both	0%	--	Projects A-E Due 10/05/2017
	B	Research Question and Hypotheses	Individual/Pairs	Both	9%	09/14/17	
	C	Literature Search	Individual/Pairs	Both	15%	09/28/17	
	D	Survey Administration Checklist	Individual/Pairs	Both	3%	10/05/17	
	E	Oral Consent Script/Survey Cover Letter	Individual/Pairs	Both	2%	10/05/17	
Survey Design	F	Survey Design: First Submission	Individual/Pairs	Both	10%	10/12/17	Project F Due 10/12/2017
	G	Reliability and Validity Quiz	Individual	In-Class	3%	10/19/17	Projects G-I Due 10-26-2017
	H	Reliability Assessment	Individual/Pairs	Both	3%	10/19/17	
	I	Pilot and Pretesting/ Survey Design Final Submission	Individual/Pairs	Both	8%	10/26/17	
	J	Choosing a Sample	Individual/Pairs	Both	2%	11/02/17	Projects J-L Due 12-07-2017
	K	Improve Response Rate	Individual/Pairs	Both	2%	11/09/17	
Analysis	L	Statistical Analysis	Individual/Pairs	Both	20%	12/07/17	Projects M-N Due 12-07-2017
	M	Survey Design Portfolio PPTs	Individual/Pairs	Both	15%	12/07/17	
	N	Project Reflection	Individual/Pairs	In-Class	2%	12/07/17	
	O	Presentations	Individual/Pairs	In	6%	12/07/17	
	P	Guest Lecturers	Individual	In-Class	0%	TBD	
		Total			100%		

K. Grades: Detailed project specifications are under separate cover. Please post final documents onto the Assignments Folder on Sakai.

Assessment: The thresholds for final letter grades will be re-scaled if a conventional standard seems unreasonable.

Posting of Grades: please check MyRutgers for your final grades.

Assessment Policy:

Letter Grade	Scores Based on Course Components
A	90-100
B+	85-89
B	80-84
C+	75-79
C	70-74
D	60-69
F	< 60

L. Special Needs – Rutgers, the State University of New Jersey abides by the Americans with Disabilities Act of 1990, the Americans with Disabilities Act Amendments (ADAA) of 2008, and Sections 504 and 508 which mandate reasonable accommodations be provided for qualified students with disabilities and accessibility of online information. If you have a disability and may require some type of instructional and/or examination accommodation, please contact me early in the semester so that I can provide or facilitate in providing accommodations you may need. If you have not already done so, you will need to register with the Office of Disability Services, the designated office on campus to provide services and administer exams with accommodations for students with disabilities. Here are the particulars:

[Lucy Stone Hall](#), Livingston Campus, 54 Joyce Kilmer Ave., Suite A145, Piscataway, NJ 08854-8045

E-mail Address: dsoffice@rci.rutgers.edu **Phone:** (848) 445-6800 • **Fax:** (732) 445-3388

I look forward to talking with you soon to learn how I may be helpful in enhancing your academic success in this course.

M. Lecture Schedule: The following is an approximate lecture schedule. Project due-dates are tentative until confirmed. Assignments and readings represent the material to be covered during that class session. Students are expected to complete the readings and assignments on the syllabus prior to the class date on which they are listed.

Note: Several guest lecturers are being scheduled to share their first-hand experience with surveys. The syllabus may be updated to reflect updates to their schedules.

Week #	Tentative Dates	Chapters/Topics	In-Class Material – Project Introductions
1	Sept. 7	Introductions: - Basic Elements of Survey Research - Ch 1 Introduction to Survey Research - Research Question and Review of the Literature Data must be collected and formatted in an Excel spreadsheet by <u>November 16.</u>	A-Types of Research and Classifying Variables B-Research Question and Hypotheses M-Survey Design Portfolio PPTs (End State)

2	Sept. 14	Ch 2 - Types of Surveys Ch 3 - Cover Letter and Survey Instrument	Guest Librarian Julie Peters – (at start of class) Information Literacy Session C-Literature Search (<u>Allocate extra time for this assignment</u>) D-Survey Administration Checklist E-Oral Consent Script/Survey Cover Letter
3	Sept. 21	Ch 4 - Survey Question Construction; Work on Literature Search	Guest – Sandy Becker on Questionnaire Construction; Excel Checklist
4	Sept. 28	Ch 4 - Survey Question Construction (continued)	Guest – Janice Ballou on Poling <u>F-Survey Design - First Submission</u>
5	Oct. 5	Ch 5 - The Quality of Measurement: Reliability and Validity Excel's Data Analysis Note: If you have one, please bring your MAC (Excel 2016 is needed) or PC. Otherwise the PCs in the Carey Library can be used.	G-Quiz on Validity and Reliability H-Reliability Assessment Correlation (Ch 5) Data Analysis Tutorial Introduction
6	Oct. 12	Ch 6 - Pretesting and Pilot Testing; Guest Lynn Agre Focus Groups (tentative date)	I-Pilot and Pretesting; Survey Design Confidence Interval (Ch 7)
7	Oct. 19	Ch 7- Selecting Samples: Probability Sampling Ch 8 - Nonprobability Sampling and Sampling Hard-to-Find Populations	I-Pilot and Pretesting-Survey Design – Final Submission (continued) J-Choosing a Sample
8	Oct. 26	Ch 9 - Improving Response Rates and Retention Ch 10 - Technologies to Develop and Implement Surveys	Descriptive Statistics (Ch 15) K. Improve Response Rate Guest Len Garrison Interviewing

9	Nov. 2	Please go to Sakai under Resources under Guest Lecturers, CTAAR Excel Workshop. If you have a PC or MAC, please download the Special Excel file for the Excel Workshop. Please watch the two YouTube videos on Pivot Tables.	In-Class CTAAR Excel Workshop Guest Marcie Anszperger
10	Nov. 9	Ch 11 - Data Collection Ch 12 - Data Entry	Guest Binita Bhattacharya Surveys in the Corporate World Regression (Ch 15)
11	Nov. 16	<u>Group Project Status; Excel Feedback</u> <u>Note: Data must be collected and formatted in an Excel spreadsheet by this date.</u>	L. Statistical Analysis ANOVA (Ch 15)
12	Tuesday, November 21 (Thursday Classes)	Ch 13 - Data Cleaning Ch 14 - Data Analysis for Reporting	Catch Up; Review of Drafts
13	Nov. 30	Ch 15 – More Advanced Data Analysis Ch 16 - Data Archiving <u>- Time for Completing CTAAR Survey by cell phone</u>	M. Survey Design Portfolio PPTs
14	Dec. 7	- Responding to Societal Changes and Preparing for What Lies Ahead - Principles and Practices Related to Ethical Research - FAQ about Survey Methodology - Catchup - Epilogue	<u>Grad Students' Presentations</u> <u>Time for Completing CTAAR Survey by cell phone</u> - N-Project Reflection <u>Note: No course materials will be accepted after the last day of class.</u>

N. Attendance: Attendance is of critical importance. It is essential to keep up with the class material. Attendance will be taken in each class. If a student misses/will miss a class, then the student needs to send a courtesy e-mail message to the professor.

O. Required: Statistical software in Excel 2007 (or higher). Reading assignments must be completed prior to each lecture. **Communication Devices:** No communication devices (cell phones, palm pilots, beepers, pagers, etc.) can be used in the classroom.

P. Academic Integrity: All students are responsible for locating, reading, and abiding by the University Policy on Academic Integrity for Undergraduate and Graduate Students. The policy is available on-line at <http://cat.rutgers.edu/integrity/policy.html>

Q. Recommendations: Requests for recommendations must be made in writing after completion of the course.

R. Communication:

1. NETID Needed

Rutgers uses the Sakai system. In order to use this system, you must have a NETID and PW. A NETID is an account on one of the main systems at Rutgers.

- **If you have a NETID**, you can currently ensure that you will be able to login to the system.
- **If you do not have a NETID**, please use the following page to attain one: <http://netid.rutgers.edu/>
- **If you have any problems**, please contact your local RUCS Help Desk. You can reach them at help@nbc.rutgers.edu or 732-445-Help+

2. Sakai

To facilitate class learning, please access and print course documents needed for class from the course management system known as Sakai. Course documents are posted in folders under Resources.

Quick Start for Sakai:

<https://sakai.rutgers.edu/access/content/public/quickmember.html>

Sakai website:

<http://sakai.rutgers.edu/portal>

If you do not see this course listed, then the site is likely in the “More” dropdown box to the right of your tabs. You can rearrange the order of your sites or hide sites from previous semesters by using the Preference tool in My Workspace and clicking on the “Customize Tabs” action button.

S. Student E-Mail and Phone Numbers:

- a. Please check your e-mail regularly, especially on the day of class, to learn if there are any changes in the class schedule, class requirements, or for other general announcements. If you have any problems with e-mail, then please contact your local RUCS helpdesk at help@nbc.rutgers.edu
- b. Students, also, have the responsibility to then inform the professor of any changes to their phone numbers (day and evening). Please use **“38:578:604”** in the Subject section to avoid being spammed. **Please sign your full name in all e-mail correspondence.**

DO NOT REPLY ALL or Select ALL: Sakai Mail Tool; If you click on Select ALL or Reply ALL, then every department staff member, instructors, teaching assistants and registered students associated with the course, will receive your correspondence.

T. Study Groups: Forming study groups will facilitate learning by keeping you focused, involved, and current in the course.

U. Classroom Etiquette: Common courtesy is expected at all times.

V. Parking Impacts: Special events may impact parking.

W. University/Campus Closings: 732-932-INFO (New Brunswick); <http://campusstatus.rutgers.edu>

X. Excel and Data Analysis

- **PC Users: If you do not have a help option, your version of Excel, Excel Light, as well as open source software does not have Data analysis.**

- Additional suggestions:

Purchase Microsoft Office and Windows software at University discount prices on

- <http://software.rutgers.edu>
- Log in with your RU NetID
- On the panel on the right, select MS Software for Personal Use, scroll down to view the Microsoft offerings
- You can pay with a personal check or credit card

For PC: Install the Excel Analysis Pack for additional statistical and analytical tools

- From the Office Button, select Excel Options and Add-Ins
- In the inactive application section, select Analysis Tool Pack and hit GO and OK to install
- Use the Analysis Tool Pack from the Data Ribbon, Data Analysis option

The Analysis Tool Pack includes histograms, regressions, sampling data, Fourier analysis, et. al, and also includes several randomization functions, such as RAND and RANDBETWEEN

- **MAC Users** - Microsoft Excel 2016 Analysis ToolPak
<https://support.office.com/en-sg/article/Load-the-Analysis-ToolPak-in-Excel-2016-for-Mac-617afc33-4af8-4530-b132-7b4e938890d0?ui=en-US&rs=en-SG&ad=SG&fromAR=1> here is the link on how to use the ToolPak with Excel 2016

- To upgrade to Office 2016
For Home and Office 365 Go to the Office My Account page. Click Language and install options. Click Additional install options. Open the Version drop-down menu and select the 32-bit or 64-bit Office 2016 Preview. This will install the Office 2016 Preview on your device. You will stay on the Office 2016 Preview track until you uninstall the Office 2016 Preview or until Office 2016 is released.

Y. Student-Wellness Services:

Just In Case Web App

<http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

The Office of Disability Services works with students with a documented disability to determine the eligibility of reasonable accommodations, facilitates and coordinates those accommodations when applicable, and lastly engages with the Rutgers community at large to provide and connect students to appropriate resources.

Scarlet Listeners

(732) 247-5555 / <http://www.scarletlisteners.com/>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.

Note: This course outline/syllabus is subject to change at the discretion of the instructor. No recording of any portion of a lecture/guest is permitted.