



EXTENDED CAMPUS

COLLEGE of PROFESSIONAL
and CONTINUING STUDIES

PSC 5913-223: Introduction to Analysis of Political & Administrative Data

Course Description:

This course is intended to show the relevance and application of research methods and statistical techniques to problems of public management and public affairs. The course is oriented toward utilization of quantitative procedures and interpretation of results, rather than to theoretical issues. While a significant portion of the course is devoted to data analysis and statistics, previous preparation in mathematics or statistics is not necessary or required. A primary objective of the course is to help the student with the tools essential to become an informed consumer of quantitative information.

Class Dates, Location and Hours:

Dates: January 29 – February 3, 2019
Location: Building 2775, Rooms 10 and 11. Kapaun Air Station on Vogelweh Air Base.
Hours: Tuesday - Friday 6:00-9:30 pm; Saturday and Sunday 8:30 a.m.-4:30 p.m.
Last day to enroll or drop without penalty: December 31, 2018

Site Director:

Email: apramstein@ou.edu. Phone: DSN 480-6807, Civilian 06371-47-6807.

Professor Contact Information:

Course Professor: Aimee L. Franklin, PhD
Mailing Address: 455 W. Lindsey St. DAHT 205
Norman, OK 73069
Telephone Number: (405) 325-2061
E-mail Address: alfranklin@ou.edu
Professor availability: The professor will be available via e-mail to students before and after the class sessions. On-site office hours are half an hour before and after each class session, by appointment.

Textbook(s) and Instructional Materials:

Student materials are available at the OU Bookstore Website at <https://ou.textbookx.com/institutional/index.php>. There is no longer a physical bookstore, the store will remain, but textbooks will not be stocked. The website has book selling, renting, buying, returning, and order tracking capabilities. If you need help with an order, or if you have any questions contact the toll-free phone at 1-(855)-790-6637, agents are available from 9a – 5p (EST) Monday – Friday. For more information or questions about textbooks, feel free to contact apsyllabi@ou.edu. Text prices are available online.

1. Lane, D. (2013). *Online statistics education: An interactive multimedia course of study*. This is a free online textbook. You can access the book at <http://onlinestatbook.com/2/index.html>. You can read the book on the computer, or you can download a PDF or ePub version of the book. If you are adventurous, you can even download a copy for your iPhone. Downloading an ePub version will allow you to open the “book” in an eReader like an iPad. If you download the PDF version, you can

simply store it and read it directly from your laptop or computer. You can also print the PDF version of the book – many students do this, preferring to have a hard copy of the book. There are 668 pages in the book, but you would only need to print the chapters that we will actually be covering. I think that you will like the book. It has videos and practice questions for each section. It would be great for you to work through as much of the book as possible before we meet.

2. Materials posted on the OU Canvas learning management system: Access Canvas at <https://canvas.ou.edu>, enter your OU NetID and password, and select course to access material. If you require assistance with Canvas, please click on the Help icon. You can search the Canvas guides, chat with Canvas support, or contact OU IT.
3. You will also need an inexpensive calculator that has addition, subtraction, multiplication, division, and square root functions.

Course Objectives:

Upon completion of the course, students should be able to:

- learn the principles of research methodology, research designs, and techniques of measurement;
- understand statistical terminology;
- understand the logic behind, and the interpretation of, the statistics discussed in class;
- conduct empirical research, including statistical calculations; and
- become an informed consumer of quantitative information, e.g., read the literature in the field or communicate with a statistician.

Course Outline:

- I. Introduction to Social Research and Logic Models
- II. Research Design
- III. Measurement and Univariate Statistics
- IV. Bivariate Statistics
- V. Correlation and Causation
- VI. Multivariate Statistics
- VII. Inference

Note: Much of the material you should not expect to understand fully as you read it. Do not become discouraged; I expect you to have problems. Continue to read and work problems, however, because some sections are easier to comprehend than other sections.

Assignments, Grading and Due Dates:

Numerical calculations are integral to this course. Bring your calculator and your textbooks to class each day. Students in class will perform exercises designed to develop analytic skill. Before the first class meeting, you should have read as much of the book as possible.

Pre-course Assignment (10% of course grade)

Due January 28, 2019

Complete a two-page paper describing how statistics are used in your workplace. Present at least one table and describe the findings. Make sure that your answer demonstrates that you are familiar with the material provided in the book (especially Unit I).

Problem Set (25% of course grade)

Due February 3, 2019

I will distribute a set of problems on the first day of class. These must be submitted to the instructor at the beginning of the final day of class. You will be provided class time to work on these problems individually and in groups.

Final Exam (25% of course grade)**Due February 3, 2019**

This will be an in-class exam. You will be able to bring one page of notes and a calculator.

Post-Class Assignment (40% of course grade)**Due February 17, 2019**

The post course assignment is a research project in which you will use statistical methods learned in the course to answer an empirical research question of your choosing.

To complete this assignment, you will do the following:

1. identify and state an empirical question
2. collect data on at least 10 people or cases to answer the research question
3. calculate and present (in graphical or tabular form) basic descriptive statistics
4. calculate and present (in graphical or tabular form) basic bivariate statistics

The research report should be approximately 4-5 pages. Your research report must describe how and from whom you collected the data (and how you decided these research design questions). The assignment must contain at least 2 graphs or tables. Depending on the complexity of your question and analyses, the paper may be a little shorter or a little longer.

Important dates regarding the post course exercise:

February 1, 2018 – You must submit a brief (2-3 paragraphs) proposal outlining your topic for the post-course exercise and the data collection methods you will use.

February 17, 2019 - Due date for the post course assignment. The assignment must be submitted to the online dropbox in canvas. I will not accept emailed assignments.

Grading:

This is a letter-graded course: A, B, C, D, or F.

Notice: Failure to meet assignment due dates could result in a grade of I (Incomplete) and may adversely impact Tuition Assistance and/or Financial Aid.

POLICIES AND NOTICES

Attendance/Grade Policy

Attendance and participation in interaction, individual assignments, group exercises, simulations, role playing, etc. are valuable aspects of any course because much of the learning comes from discussions in class with other students. It is expected that you attend all classes and be on time except for excused emergencies.

Excused absences are given for professor mandated activities or legally required activities such as emergencies or military assignments. It is the policy of the University to excuse absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and additional required class work that may fall on religious holidays. Unavoidable personal emergencies, including (but not limited to) serious illness; delays in getting to class because of accidents, etc.; deaths and funerals, and hazardous road conditions will be excused.

If you are obtaining financial assistance (TA, STAP, FA, VA, Scholarship, etc.) to pay all or part of your tuition cost, you must follow your funding agency/institution's policy regarding "I" (Incomplete) grades unless the timeline is longer than what the University policy allows then you must adhere to the University policy. Students who receive Financial Aid must resolve/complete any "I" (Incomplete) grades by the end of the term or he/she may be placed on "financial aid probation." If the "I" grade is not resolved/completed by the end of the following term, the student's Financial Aid may be suspended making the student ineligible for further Financial Aid.

Students are responsible for meeting the guidelines of Tuition Assistance and Veterans Assistance. See the education counselor at your local education center for a complete description of your TA or VA requirements.

Academic Integrity and Student Conduct

Academic integrity means honesty and responsibility in scholarship. Academic assignments exist to help students learn; grades exist to show how fully this goal is attained. Therefore, all work and all grades should result from the student's own understanding and effort.

Academic misconduct is any act which improperly affects the evaluation of a student's academic performance or achievement. Misconduct occurs when the student either knows or reasonably should know that the act constitutes misconduct. Academic misconduct includes: cheating and using unauthorized materials on examinations and other assignments; improper collaboration, submitting the same assignment for different classes (self-plagiarism); fabrication, forgery, alteration of documents, lying, etc...in order to obtain an academic advantage; assisting others in academic misconduct; attempting to commit academic misconduct; destruction of property, hacking, etc...; intimidation and interference with integrity process; and plagiarism. All students should review the Student's Guide to Academic Integrity at http://integrity.ou.edu/students_guide.html

Students and faculty each have responsibility for maintaining an appropriate learning environment. All students should review policies regarding student conduct at <http://studentconduct.ou.edu/>

Accommodation Statement

The University of Oklahoma is committed to making its activities as accessible as possible. For accommodations on the basis of disability, please contact your local OU Site Director.

Adjustment for Pregnancy/Childbirth-Related Issues

Should you need modifications or adjustments to your course requirements because of documented pregnancy-related or childbirth-related issues, please contact me as soon as possible to discuss. Generally, modifications will be made where medically necessary and similar in scope to accommodations based on temporary disability. Please see <http://www.ou.edu/content/eoo/faqs/pregnancy-faqs.html>.

Title IX Resources

For any concerns regarding gender-based discrimination, sexual harassment, sexual misconduct, stalking, or intimate partner violence, the University offers a variety of resources, including advocates on-call 24/7, counseling services, mutual no-contact orders, scheduling adjustments, and disciplinary sanctions against the perpetrator. Please contact the Sexual Misconduct Office at smo@ou.edu or (405) 325-2215 (8-5), or the Sexual Assault Response Team at (405) 615 -0013 (24/7) to report an incident. To learn more about Title IX, please visit the Institutional Equity Office's website at <http://www.ou.edu/content/eoo.html>

Course Policies

Advanced Programs policy is to order books in paperback if available. Courses, dates, and professors are subject to change. Please check with your OU Site Director. Students should retain a copy of any assignments that are mailed to the professor for the course. Advanced Programs does not provide duplicating services or office supplies.

Any and all course materials, syllabus, lessons, lectures, etc. are the property of professor teaching the course and the Board of Regents of the University of Oklahoma and are protected under applicable copyright.

For more information about Advanced Programs, visit our website at: <http://www.goou.ou.edu/>

INSTRUCTOR VITA

Aimee L. Franklin, PhD

Education

- PhD, State University of New York at Albany, 1996
- MPA, Arizona State University, 1991
- BS in Business Management, Moorhead State University, 1983

Current Positions

- Presidential Professor, Field Faculty in Public Administration and Public Policy
- University of Oklahoma, Department of Political Science

Frequently Taught Courses

- PSC 5143 Organization Behavior (Organization Leadership PhD)
- PSC 5183 Public Budgeting and Finance
- PSC 5133 Strategic Planning, Performance Assessment and Benchmarking

Major Areas of Teaching and Research Interest

- Public Budgeting
- Financial Management
- Stakeholder Engagement

Representative Publications and Presentations

- Franklin, Aimee L., Grossman, Athena², Le, Jennifer³, Shafer, Mark¹. (Forthcoming) “Creating Broader Research Impacts Through Boundary Organizations”. *Public Administration Review*.
- Conner, Thadieus¹, Franklin, Aimee L. and Martinez, Christian². (R & R) “A Distal Theory of Policy Design: How State Regulatory Environments Condition the Impact of Federal Policy.” *Policy Studies Journal*.
- Franklin, Aimee L., Ebdon, Carol; Park, JiHyung¹ and Moore, Jonathan¹. (2018) “Institutional Arrangements for Public Library Funding and Spending”. *American Review of Public Administration*. <https://doi.org/10.1177/0275074018785449>
- Franklin, Aimee L. and Moore, Samuel A.³ (2017) “State-Level Choices for Non-Renewable Resource Revenue Funds”. *Oklahoma Politics*. 27: 1-26.
- Franklin, Aimee L., Le, Jennifer³, Grossman, Athena², (2017) Shafer, Mark¹. “Knowledge Management and Research Production: The Oklahoma Climate Science Case.” *Oklahoma Politics*. 27: 103-138.
- Yusuf, Wie, Jordan, Meagan, Ebdon, Carol and Franklin Aimee L. (2017). “How Much are Citizen Perceptions of Fiscal Accountability Influenced by Government Transparency, Information Access and Participation Opportunities?” *Public Finance and Management*. 17(4): 201-369-394.
- Tao, Lu and Franklin, Aimee. (Forthcoming). Selection Protocol for Identifying and Sampling from Proxy Populations. *Social Science Quarterly*.

Major Professional Affiliations

Association for Public Budgeting & Finance, Oklahoma Political Science Association