BBL 7013 Research and Statistics for Culture, Literacy, and Language

Course Description
This course introduces students to research design considerations for quantitative studies in culture, literacy and language. Topics include the scientific method, formulating research questions for quantitative studies, methodological review of quantitative research, selecting appropriate statistical models, and instrument reliability and validity.

Readings and assignments for this course will give students a framework for conceptualizing, designing, conducting, and analyzing quantitative research. The course will have one class meeting per week, a portion of which will usually entail workshops and the opportunity for hands on engagement with software and applications used for statistical analysis.

Required Texts


Assignments
In keeping with the goals of this course, students will be required to complete a range of assignments that culminate in a final written research paper:

- Minor Assignments
  - IRB Human Subjects Training
  - Research Questions
  - Research Prospectus
  - Methodology Proposal
  - Instrument Evaluation

- Multivariate Statistics Presentation
- Research Article Evaluation
- Methodological Review
- Quantitative Research Paper

Grading & Evaluation
The grade for this course will be based on the completion of minor-assignments and major assignments. The breakdown is as follows:

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Minor Assignments</td>
<td>40%</td>
</tr>
<tr>
<td>Research Article Evaluation</td>
<td>10%</td>
</tr>
<tr>
<td>Multivariate Statistics</td>
<td>15%</td>
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<tr>
<td>Methodological Review</td>
<td>15%</td>
</tr>
<tr>
<td>Quantitative Research Paper</td>
<td>20%</td>
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</tbody>
</table>
Letter Grades
90-100   A
80-89    B
70-79    C
60-69    D
< 60     F

Attendance
As each class will contain discussion training time with research software, students should plan to attend every meeting.

Course Policies

Participation - Reading and active class participation are integral to this course. Students are expected to come to each meeting prepared to discuss the readings in thorough detail. Students should complete all assignments before the specified meeting and be prepared to share responses.

Late Work - In the case of minor assignments, work which is over a week late will not be accepted. Any late work that is accepted will receive a substantial grade reduction. If you know in advance that you will have to miss class, make sure to e-mail your assignment to the instructor before class is scheduled to meet.

Students with Disabilities - If you have any disabilities that require accommodations to successfully complete this course, please talk to me before or after class, or come and see me during my office hours. You are strongly encouraged to register with UTSA’s Office of Disability Services (http://www.utsa.edu/disability/) which can make arrangements for accommodations and also provide other support service to help ensure your success at UTSA.

Academic Honesty - Scholastic honesty is expected and required. It is a major part of university life, and contributes to the value of your university degree. All work submitted for this class must be your own. Copying or representing the work of anyone else (in print or from another student) as your own is plagiarism and cheating. This is unacceptable in this class and also prohibited by the University. Information on scholastic dishonesty, including plagiarism, is provided in the Student Code of Conduct, Section 203 “Scholastic Dishonesty.”