Instructor: Dr. Alisha Martinez
Office phone: Not applicable
Office location: 6th floor of Founders Hall (hoteling area)
Office hours: Thursdays between 6:15-7:15 p.m. or by appointment
Email address: alishakmartinez@gmail.com
Phone number: 703-955-6559

COURSE DESCRIPTION
The purpose of this course is to provide students with an understanding of research design and quantitative data analysis. This is a statistics course that is a requirement in the master’s degree in public policy, master’s degree in Public Administration, and International Security and Political Science programs offered at the Schar School of Policy and Government. The course was designed to be focused on the application and to draw connections between research and the workplace. It is also understood that students have all passed a screening test which covered topics such as research design, graphics, frequency tables, univariate measures, statistical inference, and confidence intervals. Class sessions will be divided between lecture and data analysis (using SPSS). Students will learn how to develop research designs and empirically investigate research questions. Students will be expected to come to class prepared, participate in class sessions, produce good data, use SPSS to run statistical techniques, and present the data that has been analyzed, both in narrative form and using data visualizations (charts and tables).

By the end of the course, students should be able to:
1. Evaluate academic and other empirical research
2. At a basic level, collect and analyze data to support arguments made in your own research
3. Have a basic understanding of statistics and the statistical software package SPSS

COURSE RECOMMENDATIONS AND NOTICES
This course meets between June 4 and July 27, 2018 and will provide a basic overview of research design and quantitative data analysis. It is expected that each student will:
- Attend all class sessions. Students will be called on to participate in class and will be expected to thoughtfully participate in class. Students should be respectful to the contributions made by their peers.
- Complete an in-class, mid-term examination.
- Complete in-class and homework assignments and quizzes.
- Design and conduct a mini-research study. Given the short time frame in which this course meets, students will need to design a reasonable study in scope and continually refine their data analysis plan during the drafting process, be responsive to instructor and peer feedback of that data analysis plan, complete their data collection, reporting, and analysis process ahead of their mini-research study paper and presentation.
- Students should review as many resources as possible to learn the material. The instructor has provided a list of textbooks and resources. However, students should also feel comfortable reaching out for assistance and meeting with the instructor during office hours, creating study groups with students within the course, reviewing materials available at the George Mason University library website, or YouTube videos online.
**COURSE TEXTS AND MATERIALS**

**Required Software**
SPSS software will be used. The version of this software is less important. This software package is used industry fairly readily and being familiar with this software will be beneficial in your workplace. SPSS can be purchased online. The instructor recommends identifying a source that allows you to purchase at a student rate or for a short period of time (see the website below for more details).

http://www.spss.com/vertical_markets/education/online.htm

In addition, SPSS 21 is available via the Virtual Computing Lab offered by IT Services in George Mason University. This computing lab offers SPSS 21 and can be found at:


Please note that if you log in to the Virtual Computing Lab you may experience some delays.

The George Mason University library website has wonderful available. Please see the links below.
- Tutorials: https://library.gmu.edu/tutorials
- Research Methods Resources: Go to library.gmu.edu> Articles & More Tab>Search “Sage” and then click on ”Sage Research Methods"
- Consider starting your research at infoguides.gmu.edu
- Helen McManus is the librarian dedicated to the Schar School of Policy & Government. Consider scheduling an appointment with her to explore existing datasets for the mini-research study.
- Existing data can be found here: http://infoguides.gmu.edu/intlstats/begin

**Required Textbooks**


*Indicates assigned readings/chapters will be found in electronic form in “Course Content” on Blackboard.

**Additional Readings**
In addition to the course’s required text, additional readings will be assigned and available in the “Course Content” folder on Blackboard. These additional readings could be academic articles or excerpts from books that help illuminate content being reviewed in class. The instructor will post those additional readings to support additional knowledge and understanding of the material covered in class and place them in the folder dated for the class session they are expected to be read. For example, if additional reading is assigned for June 12, the reading will be found in the “June 12” Course Content folder in Blackboard.
Additional Resources


Additional Materials
Each class, you should be prepared by bringing a writing utensil, paper, a calculator, and be able to access the Virtual Computing Lab if we are unable to access the classroom in Founders Hall that has SPSS loaded on each machine.

COURSE EVALUATION
1. Quizzes (10%)
Six brief quizzes (10 to 15 minutes) will be given at six course sessions; see tentative course schedule. The quiz will assess material discussed in class and the assigned readings. Each quiz will be available electronically, and include a mix of multiple choice, true/false, and matching items. Students will be able to access the timed quiz during the class session. Each quiz will be worth a total of two points. The lowest quiz grade will be dropped. Students may bring one 8.5 x 11-inch piece of paper with notes on the front and back.

2. Homework Assignments (20%)
Students will complete eight homework assignments throughout the course. The total amount of points that a student can receive on homework assignments is 20 points. The strong majority of the assignments (Assignment 1-7; N=7) are worth up to 2 points; however, one assignment (Assignment 8) is worth 6 points because it has the most amount of information due for the final draft of the data analysis plan. More specifically, students are to complete the final draft of the data analysis plan to inform your mini-research study. This data analysis plan should now include the synthesis across the literature as well as finalized versions of the following: data source description, instrumentation, and proposed data analysis technique.

Homework assignments are meant to apply and practice course material, including the use of SPSS and the reading of empirical articles. For the assignment problem sets, students will use the assignments found in the course textbook (Pallant, 2005). Students should use a computer to electronically complete the assignments and cut/paste appropriate output from SPSS or data visualizations (charts and tables) into a word document. Students should air on the side of overexplaining how they arrived at their answer. Students are encouraged to label and explain their rationale clearly. Students may work collaboratively with one another to complete these assignments, but each student is to turn in a completed homework assignment via Blackboard by the due date.

Assignment 1 (2 points):
- Locate an empirical article (ideally in an area of interest)
- Upload a copy of the article and the student's summary/annotated bibliography of the article.
- The annotated bibliography should include the following:
  - Research question the test is used to address
  - Data source (i.e., participants)
  - Variables
  - Presentation of finding (students can copy and paste a screenshot directly from the article or repurpose the table in Microsoft word)
  - Interpretation and conclusion (what were the major findings in the article)
  - Description of how the student could expand/extend the study in some way
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 2 (2 points):
- Complete the first draft of your data analysis plan to inform your mini-research study.
- This data analysis plan should include an annotated bibliography of four to six empirical articles on the topic you would like to examine in your mini-research study.
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 3 (2 points):
- Complete the second draft of your data analysis plan to inform your mini-research study.
This data analysis plan should incorporate feedback from your peer consultation and synthesize the major findings/insights gleaned from the annotated bibliography.

The student should elevate the annotated bibliography by one level by synthesizing across the literature review prepared for the first data analysis plan.

See Appendix for Data Analysis Plan Template.

Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 4 (Descriptive Statistics Practice Exercise – 2 points):
- Ch. 6 – Complete either the Business exercise or the Health Exercise found on page 65 of the textbook.
- Note you will need to download the data file referenced and have access to SPSS to complete the homework assignment.
- Please complete your assignment in Word, copy and paste or repurpose the output from your assignment and clearly explain your answers.
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 5 (Chi-square and Cross tabs Practice Exercise – 2 points):
- Ch. 16 – Complete either the Business exercise or the Health Exercise found on page 242 of the textbook.
- Note you will need to download the data file referenced and have access to SPSS to complete the homework assignment.
- Please complete your assignment in Word, copy and paste or repurpose the output from your assignment and clearly explain your answers.
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 6 (Correlation Analysis Practice Exercise – 2 points):
- Ch. 11 – Complete either the Health Exercise found on page 144 of the textbook.
- Note you will need to download the data file referenced and have access to SPSS to complete the homework assignment.
- Please complete your assignment in Word, copy and paste or repurpose the output from your assignment and clearly explain your answers.
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 7 (Multiple Regression Practice Exercise – 2 points):
- Ch. 13 – Complete the Health Exercise found on p. 168 of the textbook.
- Note you will need to download the data file referenced and have access to SPSS to complete the homework assignment.
- Please complete your assignment in Word, copy and paste or repurpose the output from your assignment and clearly explain your answers.
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

Assignment 8 (6 points):
- Complete the final draft of your data analysis plan to inform your mini-research study.
- This data analysis plan should now include the synthesis across the literature as well as finalized versions of the following: data source description, instrumentation, and proposed data analysis technique(s).
- See Appendix for Data Analysis Plan Template.
- Submit your assignment in Blackboard prior to the class it is due. (See tentative course schedule)

3. Midterm Examination (20%)
One exam will be given assessing material from the course. This exam will be taken during one class period. Only material found in the readings or reviewed in class will be found on this examination.
4. Mini-Research Study (30%)
Working individually or in pairs, students will develop and implement a mini-research study. This study could be original research (meaning the student(s) will design and execute the study) or could use existing data. The student must apply one or more of the statistical data analysis techniques covered in this class. (See tentative course schedule for the statistical data analysis techniques that will be reviewed). While students are permitted to use an existing, publicly available data (or owned by the student’s workplace with permission from their workplace), fictitious data may not be used.

A research paper describing the study is due at the last day of class accompanied by a brief presentation (10 minutes) of the mini-research study. The paper should be written using the APA Publication Manual Guidelines and contain the following: Cover page, introduction, methods, results, discussion, reflection, references and citations. Please note that this paper must be submitted in APA format. Some attributes of being in APA format include 1-inch margins, 12-point Times New Roman font, double-spaced, a separate title page, appropriate use of headers, free of grammatical errors, and written simply. Papers that are not in APA format will be automatically deducted. See Appendix for Rubric.

5. Mini-Research Study Presentation (10%)
Presenting individually or in pairs, students will present components of their Mini-Research Study. Presentation is delivered within 10 minutes. If presentation lasts longer than 10 minutes, students will receive a 0 for this criterion and the highest number of points students can receive on the mini-research presentation is 8 points. The student(s) will be judged on the content of their presentation in these major areas:

- Identify broad topic of interest
- Provide a snapshot of the literature that informed the design of the study
- Tell the class the research questions that informed the study
- Describe the sample and instrumentation used
- Describe the statistical data techniques applied in the study
- Describe the results of analysis conducted (consider incorporating a chart or table from your mini-research study paper)
- Describe what you learned from the study.
- Describe what helped you execute the study

During a student’s mini-research presentation, the instructor will time the presentation and hold a color-coded sign when there is five minutes remaining, two minutes remaining, and 30 seconds remaining to guide students. See Appendix for Rubric.

6. Participation (10%).
Due to the short duration of the course and the importance of the lecture and discussion, students are expected to attend and participate in all classes. Students are expected to come to class on time, remain in class for the entire course session, meaningfully participate in course discussions, and be a supportive peer to classmates. Students will be rated on the level of their engagement during course sessions, participation in the peer consultations and other class activities.
GRADING POLICY

Your final grade for this class will be based on the following:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>98 — 100%</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>93 — 97.49%</td>
<td>90 — 92.49%</td>
</tr>
<tr>
<td>A-</td>
<td>90 — 92.49%</td>
<td>80 — 82.49%</td>
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<tr>
<td>B+</td>
<td>88 — 88.49%</td>
<td></td>
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<tr>
<td>B</td>
<td>83 — 87.49%</td>
<td></td>
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<tr>
<td>C</td>
<td>70 — 79.49%</td>
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<tr>
<td>F</td>
<td>Below 70%</td>
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</tbody>
</table>

PLAGARISM

Any act of plagiarism is unacceptable. Plagiarism is defined as the use of another person’s words or ideas that are presented as one's own. It is strongly recommended that sources are properly cited in all assignments in this course. The Schar School of Policy and Government takes plagiarism seriously and implements a zero tolerance policy. Therefore, if any assignments submitted by a student are plagiarized, they will automatically receive a grade of an F. This could impact a student’s overall grade.

ACKNOWLEDGEMENT

The Instructor would like to acknowledge that this syllabus was informed by many sources including Dr. Michelle Buehl, Dr. Margo Mastropieri, and Dr. Jessica Terman.

ADDITIONAL CLASS POLICIES

- **Scheduling an appointment.** Please reach out to the instructor if you’d like to meet during office hours on Thursdays (6:15-7:15 p.m.). This will inform planning and allow for all students to have an opportunity to meet with the instructor.

- **Late assignments.** Assignments are due at the start of class on the assigned due date. Assignments should be submitted via Blackboard. DO NOT send assignments to the instructor via email. Assignments submitted via email will not be considered. Late assignments will be marked down by half a letter grade for each day the assignment is late.

- **Peer Consultations.** These will be built into class sessions and will take place at the last 30-45 minutes, typically at the end of class. The purpose of peer consultations is to get feedback from your peers on data analysis plans, help problem-solve if students run into challenges designing or implementing the mini-research study, or to share reflections about the mini-research study. Students are expected to remain in class during the class time for peer consultations. The instructor will also be available during this time if students wish to meet with her.
**TENTATIVE COURSE SCHEDULE**

*Subject to change at the instructor's discretion during the course*

<table>
<thead>
<tr>
<th>#</th>
<th>Date</th>
<th>Topic</th>
<th>Assigned Reading</th>
<th>Assignment Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tues 6/5</td>
<td>Introduction to course &amp; review syllabus</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Thurs 6/7</td>
<td>Introduction to Research</td>
<td>Part I (Pallant)</td>
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<td></td>
<td></td>
<td></td>
<td>See June 7 content folder</td>
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</tr>
<tr>
<td>3</td>
<td>Tues 6/12</td>
<td>Review empirical articles, visit from university librarian, and peer consultation #1 (brainstorming)</td>
<td>See June 12 content folder</td>
<td>Quiz 1</td>
</tr>
<tr>
<td>4</td>
<td>Thurs 6/14</td>
<td>Quantitative research (data sources) and peer consultation #2 (feedback on data analysis plan)</td>
<td>See June 14 content folder</td>
<td>Assignment 1 &amp; 2 Quiz 2</td>
</tr>
<tr>
<td>5</td>
<td>Tues 6/19</td>
<td>*Descriptive statistics</td>
<td>Ch. 6 (Pallant)</td>
<td>Assignment 3 &amp; 4 Quiz 3</td>
</tr>
<tr>
<td>6</td>
<td>Thurs 6/21</td>
<td>*Crosstabs and chi-square</td>
<td>Ch. 16 (Pallant)</td>
<td>Assignment 5 Quiz 4</td>
</tr>
<tr>
<td>7</td>
<td>Tues 6/26</td>
<td>*Correlation analysis (bivariate and multivariate regression)</td>
<td>P.125-144</td>
<td>Assignment 6 Quiz 5</td>
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<td></td>
<td></td>
<td></td>
<td>Data collection should have begun by this time</td>
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<tr>
<td>8</td>
<td>Thurs 6/28</td>
<td>*Multiple regression</td>
<td>Ch. 13</td>
<td>Assignment 7 Quiz 6</td>
</tr>
<tr>
<td></td>
<td>Tues 7/3</td>
<td>HOLIDAY – No class</td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>Thurs 7/5</td>
<td>MIDTERM EXAMINATION</td>
<td></td>
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<tr>
<td>10</td>
<td>Tues 7/10</td>
<td>Preparing data for analysis, reporting findings, and peer consultation #3 (feedback on data analysis techniques &amp; make tweaks to data analysis plan)</td>
<td>See Sprint folder in the Course Content section of Blackboard</td>
<td>Assignment 8 Data collection should be done by this time</td>
</tr>
<tr>
<td>11</td>
<td>Thurs 7/12</td>
<td>Modified Sprint Exercise (design a study for an organization based on an informational need) and peer consultation #4 (review of final data analysis plan and reflections)</td>
<td>See Sprint folder in the Course Content section of Blackboard</td>
<td>Work on mini-research study, final paper, and presentation</td>
</tr>
<tr>
<td>12</td>
<td>Tues 7/17</td>
<td>Guest Panel or Sprint Exercise Part II – TBD</td>
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<td></td>
</tr>
<tr>
<td>13</td>
<td>Thurs 7/19</td>
<td>Lab time– Work on individual projects with instructor available to troubleshoot [Meet in Founders Hall, Room 208]. Students are not required to attend class.</td>
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</tr>
<tr>
<td>14</td>
<td>Tues 7/24</td>
<td>Depending on number of students, we may need to break the individual presentations into two.</td>
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<td></td>
</tr>
<tr>
<td>15</td>
<td>Thurs 7/26</td>
<td>Final Class: Individual presentations and course evaluations</td>
<td></td>
<td>Final Paper Due</td>
</tr>
</tbody>
</table>

*Indicates the definition of the statistical test will be reviewed, along with examples from the readings and the field. The instructor will review the appropriate charts and tables that accompany these statistical tests and how to interpret the output. Students may be asked to practice running these tests in SPSS during the class period for practical application.*
Appendix

Data Analysis Plan Template .................................................................10
Rubric for Homework Assignment 1, 2, 3, 4, 5, 6, and 7 (14 points each).................................11
Rubric for Homework Assignment 8 (6 points total)......................................................................12
Rubric for Weekly Quizzes (10 points total)..................................................................................13
Rubric for Participation (10 points total).....................................................................................14
Mini-Research Study Paper Rubric..............................................................................................15
Mini-Research Study Presentation Rubric.....................................................................................16
# Data Analysis Plan Template

**Data analysis components** – This template should be used to complete assignment 2, 3, and 8

## Introduction

Describe the topic of the mini-research study.

Present a brief literature review. Please note the brief literature review should be an *annotated bibliography* across four to six empirical articles for Assignment 1. The student must synthesize the major findings/insights gleaned from the annotated bibliography in Assignment 3 and 8.

Describe the purpose of the study.

Present the research questions that guided the study

## Methods

Describe the sample (e.g., who participated in the study or who were the participants included if an existing data set was used)

Describe the data that will be used (this should include description of the instrument, the scales used in that instrument, and any information on reliability or validity of the instrument).

Procedures/data collection (describe the procedures that will be undertaken to administer the instrument and describe which software program, such as SurveyMonkey, google forms, etc. that was used to administer the instrument)

Describe the statistical data analysis technique(s) that will be applied to the data set once data collection is complete

## Results

Describe the results of the statistical data analysis.

Describe the tables and figures that the student anticipates will result from the statistical data analysis technique(s) applied in the study. The student may want to find empirical articles that have applied a similar instrument and statistical data analysis technique(s) to prep the tables and charts that may be found in the student’s paper. In addition, the student should also become familiar with the appropriate use of APA format in the tables and figures.

## Discussion

Describe what was gleaned from the study.

Describe how the findings relate to the literature presented in the introduction.

Describe any limitations of the study

Describe how the study could be expanded/extended in the future

## Reflections

Please use this section to present personal reflections. Describe what helped in the design, implementation, reporting, and analysis phases of the mini-research study.

## References and Citations

Please cite the work presented in your paper. The reference list needs to be in APA style.

## Appendix

Student must attach the final version of the instrument in Assignment 8.
Rubric for Homework Assignment 1, 2, 3, 4, 5, 6, and 7 (2 points each)

**Adequate (2 points):** Submitted on time and completed

**Marginal (1 point):** Submitted on time, but incomplete

**Inadequate (0 points):** Was not submitted on time and was incomplete
Rubric for Homework Assignment 8 (6 points total)

Adequate (6 points): Submitted on time and completed (all components of the final data analysis plan are evident)

Marginal (4-5 points): Submitted on time, but incomplete (some components of the final data analysis plan are evident)

Inadequate (0-3 points): Was not submitted on time and was incomplete
Rubric for Weekly Quizzes
(There will be 6 quizzes; please note the quiz with the lowest score will be dropped)

**Adequate test (2 points):** Submitted on-time; student received a score of 90% or higher

**Marginal test (1 point):** Submitted on time; lower than 90%

**Inadequate (0 points):** Not present to complete quiz
Rubric for Participation

**Exemplary (9-10 points):** Student attended all classes, is on time, fully prepared, and actively participated in discussions. Student is prepared and supports the learning of his/her classmates.

**Adequate (8 points):** Student attended all classes, is on time, fully prepared, and contributes to class.

**Marginal (7 points):** Student is on time and prepared for class and participates in discussions.

**Inadequate (6 points or less):** Student may have missed a class, was late. Student did not notify the instructor of an absence. The student is unprepared for class and does not actively participate in class.

Student
Mini-Research Study Paper Rubric

Name: ___________________________ Date: _______

Semester: _______ Grade: _______

MAXIMUM SCORE: 30 pts

<table>
<thead>
<tr>
<th>PERFORMANCE ELEMENTS</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cover page</strong></td>
<td>max = 1 pt</td>
</tr>
<tr>
<td>Clearly organized with title, name, date, and boiler plate (partial fulfillment, Instructor's name, and school) in APA style</td>
<td></td>
</tr>
<tr>
<td><strong>Introduction</strong></td>
<td>max = 5 pts</td>
</tr>
<tr>
<td>a. Describe the topic of the mini-research study.</td>
<td></td>
</tr>
<tr>
<td>b. Present a brief literature review (no more than one page, please)</td>
<td></td>
</tr>
<tr>
<td>c. Describe the purpose and the research questions that guided the study</td>
<td></td>
</tr>
<tr>
<td><strong>Methods</strong></td>
<td>max = 7 pts</td>
</tr>
<tr>
<td>a. Sample: describe the sample (who participated in the study or who were the participants included if an existing data set was used)</td>
<td></td>
</tr>
<tr>
<td>b. Data: description of the data (instruments, scales, reliability of scores)</td>
<td></td>
</tr>
<tr>
<td>c. Procedures/ data collection: what procedures were undertaken to administer the instrument, which software program was used</td>
<td></td>
</tr>
<tr>
<td>d. Statistical Data Analysis: Describe what data analysis techniques were applied to arrive at the results (presented in the next section)</td>
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</tr>
<tr>
<td><strong>Results</strong></td>
<td>max = 8 pts</td>
</tr>
<tr>
<td>a. Describe the results of the statistical data analysis.</td>
<td></td>
</tr>
<tr>
<td>b. Inclusion of the appropriate tables and figures is necessary as well as appropriate use of APA format in the tables and figures</td>
<td></td>
</tr>
<tr>
<td><strong>Discussion</strong></td>
<td>max = 7 pts</td>
</tr>
<tr>
<td>a. Describe what was gleaned from conducting this study</td>
<td></td>
</tr>
<tr>
<td>b. Describe how the findings relate to the literature presented in the introduction.</td>
<td></td>
</tr>
<tr>
<td>c. Describe any limitations of the study</td>
<td></td>
</tr>
<tr>
<td>d. Describe how the study could be expanded/extended in the future</td>
<td></td>
</tr>
<tr>
<td><strong>Reflection</strong></td>
<td>max = 1 pt</td>
</tr>
<tr>
<td>Please use this section to present personal reflections. Describe what helped in the design, implementation, reporting, and analysis phases of the mini-research study.</td>
<td></td>
</tr>
<tr>
<td><strong>References and Citations</strong></td>
<td>max = 1 pt</td>
</tr>
<tr>
<td>Please cite the work presented in your paper. The reference list needs to be in APA style.</td>
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</tr>
</tbody>
</table>

Note: Papers will be evaluated on the overall use of APA format, clarity of writing, and comprehensiveness of the major sections of the paper (introduction, methods, results, discussion, and reflection)
Appendix
Mini-Research Study Presentation Rubric

Name: _______________________________ Date: ________

Semester: ________ Grade: _______

MAXIMUM SCORE: 30 pts

<table>
<thead>
<tr>
<th>PERFORMANCE ELEMENTS</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration of Presentation</strong></td>
<td></td>
</tr>
<tr>
<td>max = 2 pts</td>
<td></td>
</tr>
<tr>
<td>Presentation is delivered within 10 minutes.</td>
<td></td>
</tr>
<tr>
<td>If presentation lasts longer than 10</td>
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<tr>
<td>minutes, students will receive a 0 for this</td>
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</tr>
<tr>
<td>criterion and the highest number of points</td>
<td></td>
</tr>
<tr>
<td>students can receive on the mini-research</td>
<td></td>
</tr>
<tr>
<td>presentation is 8 points.</td>
<td></td>
</tr>
<tr>
<td><strong>Content of Presentation</strong></td>
<td></td>
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<tr>
<td>max = 8 pts</td>
<td></td>
</tr>
<tr>
<td>Identify broad topic of interest</td>
<td></td>
</tr>
<tr>
<td>Provide a snapshot of the literature that</td>
<td></td>
</tr>
<tr>
<td>informed the design of the study</td>
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<tr>
<td>Tell the class the research questions that</td>
<td></td>
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<tr>
<td>informed the study</td>
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<tr>
<td>Describe the sample and instrumentation</td>
<td></td>
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<tr>
<td>used</td>
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<tr>
<td>Describe the statistical data techniques</td>
<td></td>
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<tr>
<td>applied in the study</td>
<td></td>
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<tr>
<td>Describe the results of analysis conducted</td>
<td></td>
</tr>
<tr>
<td>(consider incorporating a chart or table</td>
<td></td>
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<tr>
<td>from your mini-research study paper)</td>
<td></td>
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<tr>
<td>Describe what you learned from the study.</td>
<td></td>
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<tr>
<td>Describe what helped you execute the study.</td>
<td></td>
</tr>
</tbody>
</table>

Note: Presentations will be evaluated on the overall delivery of the presentation, clarity in the content covered, and comprehensiveness of the content.