Day/Time: Tu., Th., 10:30 - 11:45am  Location: Bull Run Hall 131
Instructor: Dr. George Banks  Email: gbanks@erols.com
Office Location: by abonnement  Phone Number: (703) 620-1297
Office Hours: by appointment  Fax Number: by arrangement

Prerequisites: STAT 250, DESC 210, OM 210, SOC 313, OM 250, or IT 250 and 60 credits.

Course Description
Covers the development of empirical research designs for both practical and theoretical problems in health, fitness, and recreation resources management. Includes literature review of hypothesized relationships, and formulation of research proposals.

Course Objectives
Students will be able to:
1. Define and demonstrate appropriate use of research terminology;
2. Critically evaluate published research in scientific journals and the popular press;
3. Formulate research problem statements;
4. Enumerate the values inherent in the practice of scientific research;
5. Conduct a thorough review of literature and synthesize the findings; and
6. Prepare a sound and feasible research proposal.

PROFESSIONAL ASSOCIATION STANDARDS: Upon completion of this course, students will meet the following professional accreditation standards from the Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT):

7.02: Students graduating from the program shall be able to demonstrate the ability to design, implement, and evaluate services that facilitate targeted human experiences and that embrace personal and cultural dimensions of diversity.

COURSE OVERVIEW
This course is a designated “Writing-Intensive” (WI) course – fulfilling in part the WI requirement for all HFRR majors – therefore, each person will complete at least 3,500 words of graded writing assignments. The course is divided into 5 smaller writing exercises to be complete throughout the semester. These will be thoroughly critiqued and graded and will form the basis for your final Research Proposal. Applicable guidelines are the *Publication Manual of the American Psychological Association (APA) (6th ed.)*

GENERAL EDUCATION OUTCOMES
Written communication is one of the foundation requirements of Mason’s general education curriculum. Mason’s nationally recognized writing program emphasizes writing as a process: it is not simply a way of communicating already formulated thoughts, but a way of discovering, exploring and developing new ideas. On your way to completing your proposal, you will go through the recursive processes of researching, drafting, and revising and will engage in critical thinking at all stages.
As part of the written communication component and in addition to our course objectives, upon successfully completing this course, you will be able to:

- Analyze and synthesize research using methods appropriate to Recreation, Health, and Tourism (RHT);
- Make reasoned, well-organized arguments with introductions, thesis statements, supporting evidence, and conclusions appropriate to RHT;
- Use credible evidence to include, as applicable, data from credible primary and/or secondary sources, integrated and documented accurately according to APA orAMA styles;
- Employ rhetorical strategies suited to the purpose(s) and audience(s) for the writing, to include appropriate vocabulary, voice, tone, and level of formality;
- Produce writing the employs the organizational techniques, formats, and genres typical to RHT; and,
- Produce writing that demonstrates proficiency in standard edited American English, including correct grammar/syntax, sentence structure, word choice, and punctuation.

(For additional information, please see https://assessment.gmu.edu/Genedassessment/outcomes.cfm)

Nature of Course Delivery
This course includes multiple instructional strategies. Individual session formats vary and may include lecture, small group/large group discussion, hands-on, interactive work, and student presentations.

Required Texts


Evaluation
A. Assignments (Guidance is attached.)

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hypothetical Deductive Modeling Framework</td>
<td>15</td>
</tr>
<tr>
<td>2. Journal Article Review and Research Classification</td>
<td>5</td>
</tr>
<tr>
<td>3. Introduction, Problem Statement, Literature Review, Hypothesis Variables</td>
<td>15</td>
</tr>
<tr>
<td>4. Sampling Plan</td>
<td>10</td>
</tr>
<tr>
<td>5. Research Design, Measurement and Data Collection</td>
<td>15</td>
</tr>
<tr>
<td>6. Analysis Plan</td>
<td>10</td>
</tr>
<tr>
<td>7. Final Research Proposal</td>
<td>30</td>
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<tr>
<td>Total: 100</td>
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</table>

B. Final Grading Scale

<table>
<thead>
<tr>
<th>Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>96-100</td>
<td>A</td>
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<tr>
<td>90-95</td>
<td>A-</td>
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<tr>
<td>88-89</td>
<td>B+</td>
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<tr>
<td>84-87</td>
<td>B</td>
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<tr>
<td>78-79</td>
<td>C+</td>
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<tr>
<td>74-77</td>
<td>C</td>
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<tr>
<td>70-73</td>
<td>C-</td>
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<tr>
<td>60-69</td>
<td>D</td>
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</tbody>
</table>
Students are allowed excused absences only. Unexcused absences or more than three (3) excused absences for a student will drop that student's grade on the grading scale.

ACADEMIC INTEGRITY
GMU is an Honor Code University; please see the University Catalog for a full description of the code and the honor committee process. The principle of academic integrity is taken very seriously and violations are treated gravely. What does academic integrity mean in this course? First, it means that when you are responsible for a task, you will be the one to perform that task. When you rely on someone else’s work in an aspect of the performance of that task, you will give full credit in the proper, accepted form. Another aspect of academic integrity is the free play of ideas. Vigorous discussion and debate are encouraged in this course, the firm expectation that all aspects of the class will be conducted with civility and respect for differing ideas, perspectives and traditions. When in doubt, please ask for guidance and clarification.

Course Calendar

<table>
<thead>
<tr>
<th>Dates</th>
<th>Topics/Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/19-1/21</td>
<td>Course Overview&lt;br&gt;Building the Scientific/Research Context&lt;br&gt;Examining Theoretical Elements&lt;br&gt;PRLS Theoretical Structures&lt;br&gt;PRLS Research Structures&lt;br&gt;PRLS Program Evaluation</td>
</tr>
<tr>
<td></td>
<td><strong>RR</strong> Steps: 1, 3, 4 and 5</td>
</tr>
<tr>
<td>1/26-1/28</td>
<td>Research Information Processing&lt;br&gt;Hypothetical-Deductive Modeling: A Research Information Processing Framework - (Dr. Robert Carkhuff - <a href="http://rcarkhuff.wordpress.com/body-of">http://rcarkhuff.wordpress.com/body-of</a> work/)&lt;br&gt;Inductive Reasoning&lt;br&gt;Deductive Reasoning&lt;br&gt;Identification and Definition of Constructs</td>
</tr>
<tr>
<td></td>
<td><strong>RR</strong> Steps: 1, 3, 4, 5 and 7</td>
</tr>
<tr>
<td>2/2-2/4</td>
<td>Reviewing PRLS Research Literature&lt;br&gt;PRLS Theoretical Structures&lt;br&gt;PRLS Research Structures&lt;br&gt;Review of Assignment 1&lt;br&gt;Preview of Assignment 2</td>
</tr>
<tr>
<td></td>
<td><strong>RR</strong> Steps: 2&lt;br&gt;<strong>Due:</strong> Assignment 1</td>
</tr>
</tbody>
</table>
2/9-2/11 Overview of Measurement in Research
Operational Definition of Constructs
Scaling
Reliability
Validity

RR Steps: 8, 14A
Due: Assignment 2

2/16-2/18 Building the Research Plan
PRLS Theoretical Structure (Assignment 1)
Analysis of PRLS Research Literature (Assignment 2)
Review of PRLS Research Framework (Assignment 1)
Identification of PRLS Research Problem and Goal from Assignment 1
Overview of Qualitative and Quantitative Research
RR Steps: 1, 2, 3, 4, 5, 6, 7 and 14B Figure 1

2/23-2/25 Overview of Qualitative Research Methods
The Research Problem
Analysis of the Research Framework
Specifying the Research Question
Qualitative Research Methodology
Validity
Review of Assignments 1 and 2

RR Steps: 3, 4, 7 and 14B

3/1-3/3 Overview of Quantitative Research Methods
The Research Problem
Analysis of the Research Framework
Specifying the Research Question
Quantitative Research Methodology
Validity
Review of Assignments 1 and 2

RR Steps: 3, 4, 7 and 14A

3/8-3/10 Spring Break

3/15-3/17 Reviewing the Draft Research Plan
Introduction
Problem Statement
Literature Review
Research Questions/Hypothesis
Constructs/Variables

RR Steps: 1, 2, 3, 4, 5, 6 and 7
Due: Assignment 3
3/22-3/24 Building the Research Design
   Measurement
   Qualitative Methods
   Quantitative Descriptive Methods
   Quantitative Experimental Methods
   Data Collection Tools
   Preparation for Data collection
   Validity
   Ethical Responsibilities
   Contact Cover Letter

   **RR** Steps: 7, 8, 9, 10, 13, 14A and 14B

3/29-3/31 Building the Sampling Plan
   Probability Sampling
   Non Probability Sampling

   **RR** Step: 6

4/5-4/7 Building the Analysis Plan: Qualitative Analysis
   Managing Data
   Making Tentative Conclusions
   Verifying Conclusions

   **RR** Step: 14B
   **Due** Assignments 4 and 5

4/12-4/14 Building the Analysis Plan: Quantitative Analysis
   Descriptive Statistics
   - Central Tendency
   - Variability
   - Association: Correlation
   Inferential Statistics
   - Population Parameters
   - Hypothesis Testing
   Nonparametric Methods

   **RR** Step: 14A

4/19-4/21 Reviewing the Research Proposal
   Proposal Framework
   Hypothetical Deductive Modeling Framework
   Literature Review
   Introduction, Problem Statement, Lit Review, Hypothesis Variables
   Sampling Plan
Research Design, Measurement and Data Collection
Analysis Plan
Implementing the Study - Pilot Testing
Seeking Proposal Approval
Discussion and Revisions

**RR Steps: 1 - 14**
**Due:** Assignment 6

**4/26-4/28**
Course Wrap-up
Lessons Learned Regarding Research
Next Steps for Using or Continuing Learning about Research
**Due:** Assignment 7

**Guidance for Assignments**

**1. Hypothetical Deductive Modeling Framework (15 points)**
Science is a systematic process for explicating the unknown. Research consists of the tools for conducting scientific inquiries. The use of these tools is guided by information representation and processing frameworks. In this assignment students will build their information processing frameworks to serve as a map for learning and applying research methodology.

This framework will include the following:
- Representations for phenomena in the areas of PRLS
- Theoretical relationships between phenomena
- Identification of constructs representative of phenomena
- Paths of Inductive reasoning potentially supported by Qualitative Research and related methodology
- Paths of Deductive reasoning leading to hypothesis testing implemented through Quantitative Design and related methodology including data analysis, leading to applied research interventions with relation to targeted phenomena and constructs.
-Elements of PRLS Program Evaluation

**2. Journal Article Review and Research Classification (5 points)**
The intent of this assignment is to increase your familiarity with evidence-based peer-reviewed journal articles.
Find an article in your area of concentration. Read the article thoroughly and respond to each of the following using complete sentences (bulleted responses are not acceptable for this course):

a. What was the topic studied?
b. What are the key terms?
c. What are the definitions for the key terms?
d. What is the specific research question or problem
e. What procedures were used to gather data?f. Who were the participants?g. What scales or instruments were used?h. What was the method of data analysis?
i. What were the major conclusions and implications?

3. Introduction, Problem Statement, Literature Review, Hypothesis Variables (15 points)
The intent of this assignment is to apply your curiosity, conceptual and practical understanding of health, fitness and recreation resources to asking questions and defining research problems. This assignment will benefit you in developing an awareness of research potential in your field of interest and planning for your final research proposal. Specifically, you are to write an introduction to your research proposal and your preliminary review of literature and submit a copy of each research article used in the review.

The writing will include:

a. An introduction to the topic to be investigated in your study (including the background and significance of the problem);

b. A statement of the problem (which could be the last sentence in your introduction);

c. An integrated review of pertinent literature (at least 5 current, evidence-based/empirical and peer-reviewed research articles – do not confuse these with articles from newspapers which are not empirical nor peer reviewed);

d. Two research questions or testable hypotheses regarding the outcome of your study; and

e. Identification of key constructs in your research questions or your independent and dependent variables and definitions in each of your hypotheses.

4. Sampling Plan (10 points)
Having selected a problem, formulated a hypothesis and completed a preliminary literature review, describe a sample appropriate for evaluating your questions or hypotheses. Include a consideration of Probability and Non Probability sampling. This assignment is to be written in proposal format and should be specific to your proposed full study.

Include:

a. A complete definition of the target and accessible populations from which the sample would be drawn. This definition should thoroughly describe the size of these populations and relevant characteristics (e.g., age, ability, socioeconomic status, etc.). This is based on your proposed study.

b. A description of how you will determine the sample size. Include a summary statement that indicates the sample size that will be selected and justification for this size. Be sure to identify your anticipated response rate and cite your source.

c. An explanation of the procedural techniques by which you would select the sample and form it into groups (if appropriate). This technique should be described in detail, including justification of the technique selected. For example, if using “stratified sampling”, do not just say that stratified sampling will be used; indicate on what basis (i.e. characteristic) the population will be stratified and how group members (and how many) will be selected.

d. Indicate the possible sources of sampling bias.

5. Research Design, Measurement & Data Collection (15 points)
The intent of this assignment is to continue development of the research proposal, specifically identifying the research design to be used, measurement tools available and detailing the data collection procedures. Having selected a problem, formulated a hypothesis, completed a preliminary literature review, and described your population and sample, identify the measures and data collection procedures to be used in this study and design an appropriate cover letter and
survey instrument. This assignment is to be written in proposal format (with cover letter and instrument in appendices). You are to address the following:

**Measurement, Design and Data Collection**

I. Briefly describe the data to be gathered and the measurement instrumentation to be used. Discuss the basis for establishing the reliability and validity of the instruments. In other words, if you plan to use one or more already existing scales or measures, describe each. Explain, as well, how you plan to check the validity and reliability of scores obtained with your instruments. If you plan to use an existing instrument, summarize what you have been able to learn about the validity and reliability of previous results.

II. Identify and describe the research design, Qualitative or Quantitative to be used in this study (go back to your reading on “Research Designs”). Describe why the design was selected; potential threats to internal validity (e.g., subject characteristics, location, instrumentation, maturation, subject attitude, and implementation) and how you have designed the study to minimize the potential effects of these threats.

III. Describe the procedural technique(s) by which you would collect the data for a complete study (e.g., structured face-to-face or telephone interviews; mail, fax or email surveys; pre/post). The specific data collection technique(s) should be described in detail (when, where, how long, etc.). Indicate the exact procedures for how you will make contact with subjects and the advantages and disadvantages of your chosen method of collection. Justify why you selected the technique you did.

IV. Identify any possible ethical problems in carrying out such a study and how the problems could be remedied. Be sure to include: possible harm to participants (if any); possible problems of confidentiality (if any); and possible problems of deception (if any).

**Instrument and Cover Letter Development**

Develop an appropriate cover letter written to your theoretical participants that will reference the collection procedures you have determined. This letter must include, but is not limited to the following:

a. Letterhead, date, name and address, greeting, signature and title;

b. What the study is about and why it is useful;

c. Why the recipient is important and why they should complete your questionnaire;

d. A promise of confidentiality or anonymity and an explanation of a numbering system if used; and,

e. Assurance that the information will be used, incentives that will be given, if appropriate, and a thank you.

**6. Analysis Plan (10 points)**

The intent of this assignment is to develop a plan for analysis of data. The data analysis is for Qualitative or Quantitative research designs.

For Qualitative designs discuss the following:

a. Managing data

b. Making tentative conclusions

c. Verifying conclusions

For Quantitative designs discuss the following:

a. Descriptive Statistics
- Central Tendency
- Variability
- Association: Correlation

b. Inferential Statistics
- Population Parameters
- Hypothesis Testing

c. Nonparametric Methods.

7. Final Research Proposal (30 points)

A. LITERATURE REVIEW (Part 1 of your semester proposal)

The intent of this assignment is to apply your curiosity, conceptual, and practical understanding of your profession to asking questions and defining research problems. This assignment will help you develop an awareness of research potential in your field of interest and is a beginning for your final research proposal.

This paper will include:

1. A **background for the study** section about the specific topic to be investigated (including the significance of the problem/issue to be investigated).

2. An **overview of the study** section including a specific purpose statement for the study.

3. An integrated **review** of pertinent **literature** (at least 10 current, evidence-based/empirical and peer-reviewed research articles – do not confuse these with articles from newspapers which are NOT empirical nor peer-reviewed) - (literature review and synthesis of literature sections).

4. A **rationale for the study**, which clearly articulates reasons why you believe the study should be conducted.

5. A clear and concise **statement of the problem** (and/or issue) that ties to the rationale for the study.

6. **Research Questions** (usually 3 or 4 in total).

7. **Variables and Definitions** (Independent and dependent variables should be accurately identified and clearly described for the reader).

8. **Two** testable **hypotheses** (if quantitative study) regarding the outcome of your study.

Guidelines:

* This assignment should be clearly typewritten in paragraph format (not bullets).
• All work in this course should be written in the third person using complete sentences.

• Use subheadings appropriate to the assignment (e.g., Introduction, Literature Review, Statement of the Problem, References, etc…) to serve as a guide for “piecing together” your final proposal and to help you be sure you have responded to all requirements of the assignment.

• At least ten of your references must be research articles appearing in refereed journals, dated 2000 to present. Additional references providing support for significance and definitions may come from other literature sources and can be from earlier dates.

• Appropriately cite all sources following the current APA guidelines.

• Create an APA-style cover page with running headers throughout the document.

• Create an APA-style references/works cited page.
Grading:

- Overall, grading will be based on completeness of responses, clarity and accuracy of written presentation. See rubric for details.

- Responses should be based on an integration of material from your courses, readings and practical experiences, and should demonstrate independent thought and attention to detail (e.g., grammar and spelling).

This is a writing intensive course; therefore, you will be given feedback on this assignment that should be used to improve your writing skills (and enhance your quality of work on future assignments).
<table>
<thead>
<tr>
<th>Item</th>
<th>Needs Extensive Work</th>
<th>Satisfactory and Could be Improved</th>
<th>Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introduction</strong></td>
<td>0-19 points</td>
<td>20-27 points</td>
<td>28-30 points</td>
</tr>
<tr>
<td><em>(Background for the Study and Overview of the Study)</em></td>
<td>The author did not provide or provided very limited general and/or cited evidence to inform the reader about the key issues involved in the proposed study.</td>
<td>The author provided some general and/or cited evidence to inform the reader about the key issues involved in the proposed study but needs to expand on the key issues presented.</td>
<td>The author provided significant general and/or cited evidence to inform the reader about the key issues involved in the proposed study.</td>
</tr>
<tr>
<td><strong>Integrated Review of the Literature</strong></td>
<td>0-40 points</td>
<td>41-49 points</td>
<td>50-55 points</td>
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<tr>
<td></td>
<td>Journal article summaries were listed rather than integrated as a cohesive discussion and/or less than ten peer-reviewed empirical studies were used in the review of literature. Conceptual models and/or pertinent theoretical frameworks were not presented.</td>
<td>The review of the articles was adequately integrated between articles. Key findings from at least ten peer-reviewed empirical studies were adequately organized and presented, but could be improved. Conceptual models and/or theoretical frameworks were presented but could be improved.</td>
<td>The review of the articles was well integrated between articles. Key findings from at least ten peer-reviewed empirical studies were well organized, presented, and discussed relative to each other and the author’s proposed study. Conceptual models and/or theoretical frameworks were presented accurately and clearly.</td>
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<tr>
<td><strong>Synthesis of the Literature</strong></td>
<td>0-3 points</td>
<td>4-7 points</td>
<td>8-9 points</td>
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<tr>
<td></td>
<td>Conclusions drawn about the convergent and divergent views illuminated throughout the literature review were not presented or were presented in a minimal and/or non-cohesive manner.</td>
<td>Conclusions drawn about the convergent and divergent views illuminated throughout the literature review were discussed but were not presented in a cohesive manner.</td>
<td>Conclusions drawn about the convergent and divergent views illuminated throughout the literature review were discussed and presented in a cohesive and manner.</td>
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<tr>
<td><strong>Rationale for the Study</strong></td>
<td>0-4 points</td>
<td>5-7 points</td>
<td>8 points</td>
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<td></td>
<td>The author did not provide or provided very limited cited</td>
<td>The author provided some cited evidence of the importance and</td>
<td>The author provided &amp; cited evidence for the importance of</td>
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<tr>
<td>Problem Statement</td>
<td>0-1 points</td>
<td>2-4 points</td>
<td>5 points</td>
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<td>The problem statement is difficult to identify or not stated.</td>
<td>The problem statement is adequately stated and supported by the background and overview sections but could be improved.</td>
<td>The problem statement is clearly stated and supported by the background and overview sections.</td>
</tr>
<tr>
<td><strong>Research Questions</strong></td>
<td><strong>0-1 points</strong></td>
<td><strong>2-4 points</strong></td>
<td><strong>5 points</strong></td>
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<tr>
<td>Research questions were difficult to understand or were not presented.</td>
<td>Research questions were included but were not directly related to the previous sections presented.</td>
<td>Research questions were well articulated and were directly related to the previous sections presented.</td>
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<table>
<thead>
<tr>
<th><strong>Variables and Definitions</strong></th>
<th><strong>0-4 points</strong></th>
<th><strong>5-7 points</strong></th>
<th><strong>8 points</strong></th>
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<tbody>
<tr>
<td>Independent and dependent variables were not accurately defined, nor clearly described.</td>
<td>Independent and dependent variables were accurately identified, but not clearly described.</td>
<td>Independent and dependent variables were accurately identified and clearly described for the reader.</td>
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<tr>
<th><strong>Hypotheses</strong></th>
<th><strong>0-1 points</strong></th>
<th><strong>2-4 points</strong></th>
<th><strong>5 points</strong></th>
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<tr>
<td>Two hypotheses were incorrectly stated (not testable) or not provided.</td>
<td>Two hypotheses were stated, but need to be refined in order to be easily testable.</td>
<td>Two hypotheses were correctly stated and testable, and variables clearly identifiable.</td>
<td></td>
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</table>

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<tr>
<th><strong>Citations for 10 journal articles 2000-present</strong> (each article is worth 2 points and must be a peer-reviewed, empirical study to receive points)</th>
<th><strong>0-4 points</strong></th>
<th><strong>6-8 points</strong></th>
<th><strong>10 points</strong></th>
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<tbody>
<tr>
<td>4 or more of the articles are missing or are not peer-reviewed empirical studies.</td>
<td>1-3 of the articles are missing or are not peer-reviewed empirical studies.</td>
<td>All 10 articles were cited and are 2000 or later and are peer-reviewed empirical studies.</td>
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<tr>
<th><strong>Overall text flow</strong></th>
<th><strong>0-1 Points</strong></th>
<th><strong>2-4 points</strong></th>
<th><strong>5 points</strong></th>
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<tr>
<td>Adequately composes:</td>
<td>Rarely observed in this paper.</td>
<td>Observed in this paper but could be improved.</td>
<td>Well executed in this paper.</td>
</tr>
</tbody>
</table>
  • Introduction  
  • Lit Review  
  • Variables & Definitions  
  • Reference list |

<table>
<thead>
<tr>
<th><strong>Language Control</strong></th>
<th><strong>0-1 Points</strong></th>
<th><strong>2-4 points</strong></th>
<th><strong>5 points</strong></th>
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</thead>
<tbody>
<tr>
<td>Writes in a tone and prose appropriate for a research proposal paper</td>
<td>Rarely observed in this paper.</td>
<td>Observed in this paper but could be improved.</td>
<td>Well executed in this paper.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>APA Writing Style</strong></th>
<th><strong>0-1 Points</strong></th>
<th><strong>2-4 points</strong></th>
<th><strong>5 points</strong></th>
</tr>
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<tbody>
<tr>
<td>Writes consistently in APA (e.g., in-text citations)</td>
<td>Rarely observed in this paper.</td>
<td>Observed in this paper but could be improved.</td>
<td>Well executed in this paper.</td>
</tr>
</tbody>
</table>

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<tr>
<th><strong>Grammar/punctuation/sentence structure</strong></th>
<th><strong>3-5 points lost</strong></th>
<th><strong>1-2 points lost</strong></th>
<th><strong>No points lost</strong></th>
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</thead>
<tbody>
<tr>
<td>More than 6 grammar, spelling, or punctuation errors.</td>
<td>3-6 grammar, spelling, or punctuation errors.</td>
<td>Less than 2 grammar, spelling, or punctuation errors.</td>
<td></td>
</tr>
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</table>

**Total Score – (out of 150)**
B. Proposal

The intent of this assignment is for you to apply your conceptual and practical understanding of your research topic to prepare a final and complete research proposal. Your proposal should include the following:

- a reflection of your familiarity with problem formation and hypothesis development,
- review and critical analysis of the scholarly literature related to your study,
- justification of appropriate methodology, and
- consideration of the implications of your research.

This assignment is a revision and extension of all content included in previous assignments.

SPECIAL NOTE

Because the data we collect for our pilot study is for educational purposes only (i.e. we share our results as part of our process to understand research), we do not complete the Human Subject’s Review Board application. Therefore, the data we collect in this course may not be presented in any context other than this course. However, if you wish to use these data for a conference presentation or as the foundation for a research process, please let me know and I will be happy to work with you to obtain approval from Mason’s HSRB.

Student Expectations

Students must adhere to the guidelines of the George Mason University Honor Code [See http://oai.gmu.edu/the-mason-honor-code-2/].

Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services and inform their instructor, in writing, as soon as possible. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor [See http://ods.gmu.edu/].

Students must follow the university policy for Responsible Use of Computing [See http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/].

Students are responsible for the content of university communications sent to their George Mason University email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students solely through their Mason email account.

Students must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.

Campus Resources

The George Mason University Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance [See http://caps.gmu.edu/]. The George Mason University Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing [See http://writingcenter.gmu.edu/].
For additional information on the College of Education and Human Development, School of Recreation, Health, and Tourism, please visit our website [See http://rht.gmu.edu](http://rht.gmu.edu/). For additional information on the College of Education and Human Development, School of Recreation, Health, and Tourism, please visit our website [See http://rht.gmu.edu](http://rht.gmu.edu).

**CORE VALUES COMMITMENT**: The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles.