**Module 4 Assignment:**

**Research Design and Sampling**

**Guideline and Rubric**

# Purpose

As professional nurses review scholarly publications, it is important to understand the research design being and sampling used in the study. The purpose of this assignment is to investigate the role of quantitative and qualitative designs and sampling methodologies in order to appraise the value of scholarly nursing research.

# Course Learning Outcomes

Through this assignment, the student will address the following course learning outcomes:

* CO 1: Apply findings from research and/or evidence-based inquiry to foster positive health outcomes. (POs 1 and 5)
* CO 3: Demonstrate professional growth in the use of research and/or evidence based literature to guide reflective practice in culturally diverse settings. (PO 3)

# Total Points Possible: 170 Points

# Assignment Overview

Review class lesson and reading material regarding research design and sampling techniques. Create a 10 to 14 slide PowerPoint presentation to address research designs and sampling. Use a minimum of 3 scholarly nursing sources, current within 5 years, to support your work. Create your presentation to address each of the following elements:

* Introduction
* Quantitative Research Designs
* Qualitative Research Designs
* Methods for Sampling
* Conclusion

# Assignment Instructions

1. Abide by the College of Nursing Academic Integrity Policy.
2. Use Microsoft PowerPoint to create the presentation.
3. Each slide (excluding title and reference slides) must include detailed speaker notes.
   1. The purpose of the speaker notes is to expand upon the idea and document facts and information about the bulleted information points on the slide.
   2. Formal, scholarly writing style with complete sentence and paragraph structure should be used to create the speaker notes.
   3. Scholarly literature support should be integrated within the speaker notes.
   4. Speaker notes assure that all assignment expectations and key points are covered.
4. Within the speaker notes, the rules of grammar, spelling, word usage, punctuation, sentence and paragraph structure are followed and consistent with formal, scholarly writing as noted in the most current edition of the APA Manual.
5. First person should not be used for this scholarly assignment.
6. Citation and referencing of sources must be congruent with guidelines noted in the most current edition of the APA Manual.
7. Slides are professional in appearance with visually balanced text, font appropriate for audience reading, succinct bulleted points, and visually appealing contrast between background and font utilized. Correct spelling and appropriate use of graphics/images is evident.
8. **Sources older than five years may not be used without the permission of the class professor.**
9. Please note: If you do not receive a proficient rating in any major **content** category, you can re-submit your assignment with revisions in those content categories to receive a better grade. You have one additional opportunity to revise after the initial submission in order to make improvements. The initial submission must be a complete assignment, rough drafts will not be graded. All revisions must be submitted no later than Sunday of Module 7 at 11:59 p.m. (You cannot revise your graduate-level writing style for a higher grade in that category)

# Assignment Criteria

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| Assessment Criteria | Points | % | Description |
| Introduction | 17 | 10% | This section includes:   * Opening statements regarding the impact of research design and sampling on the quality of results/findings * Review of presentation purpose and sections of the presentation that will follow * Speaker notes are included for the slide(s) in this section |
| Quantitative Research Designs | 34 | 20% | This section includes:   * Discussion regarding the value and type of evidence produced through quantitative research * Discussion of how quantitative research designs contribute to the quality of study results/findings * Overview of onequantitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented |
| Qualitative Research Designs | 34 | 20% | This section includes:   * Discussion regarding the value and type of evidence produced through qualitative research * Discussion of how qualitative research designs contribute to the quality of study results/findings * Overview of one qualitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented |
| Methods for Sampling | 34 | 20% | This section includes:   * Overview of and differentiation between probability and nonprobability sampling * Discussion regarding the impact of sampling on the study results/findings * Explanation of at least one factor that can influence the sampling method selected for a study * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented |
| Conclusion | 17 | 10% | This section includes:   * Concluding points regarding the value of quantitative and qualitative research designs and their impact on the quality of findings * Concluding points regarding the impact of sampling on the quality of study findings * Speaker notes are included for the slide(s) in this section |
| College-level Writing Style | 17 | 10% | Graduate-level writing style is included, evidenced by integrating the following standards:   * Correct use of spelling, grammar, punctuation, sentence and paragraph structure within the speaker notes * Correct use of spelling and word usage on the slides * Clarity, organization, and logical flow of ideas and information on speaker notes and slides * Alignment between information on slides and speaker notes * APA format for citing and referencing sources * Congruence with APA mechanics of style (abbreviations, capitalization, italics, numbers) * No direct quotes are used within the assignment * First person is not used within the presentation slides or speaker notes |
| Effective Presentation Style | 17 | 10% | Professional presentation is created, evidenced by the following:   * Slide design includes visually balanced text * Slide design provides contrast of color between background and font used * Succinct, key points are presented on the slides * No lengthy narratives are included on the slides * Font size appropriate for audience viewing (sized 18 or larger) * Use of graphics and/or images is professional and appropriate for the topic |
| Quality of Literature Support | It is an expectation that a minimum of 3 scholarly nursing sources, current within five years, are integrated within the assignment.  If the above expectation is not met, 5 points shall be deducted. | | |
| Assignment Length Criteria | It is an expectation that the paper is a minimum of 10 slides in length, and a maximum of 14 slides in length (not including the title or reference slides).  If the above expectation is not met, 5 points shall be deducted. | | |
| Total | 170 | 100% | A quality assignment will meet or exceed the above requirements. |

# Grading Rubric

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| --- | --- | --- | --- | --- |
| Assessment Criteria | Distinguished  (100%) | Exceeds  (92%) | Proficient  (84%) | Needs Improvement  (0) |
| Introduction | **17 Points** | **15 Points** | **14 Points** | **0 Points** |
| Distinguished presentation of information evidenced by **all of the following content areas** covered in a comprehensive and concise manner:   * Includes Opening statements regarding the impact of research design and sampling on the quality of results/findings * Reviews of presentation purpose and sections of the presentation that will follow * Speaker notes are included for the slide(s) in this section | Presentation of information exceeds expectations evidenced by most content covered in a comprehensive and concise manner, but with **one area where coverage is superficial:**   * Includes Opening statements regarding the impact of research design and sampling on the quality of results/findings * Reviews of presentation purpose and sections of the presentation that will follow * Speaker notes are included for the slide(s) in this section | Proficient presentation of information evidenced by content covered in a **limited or superficial manner in two or more** of the content areas:   * Includes Opening statements regarding the impact of research design and sampling on the quality of results/findings * Reviews of presentation purpose and sections of the presentation that will follow * Speaker notes are included for the slide(s) in this section | Presentation of information needs improvement as evidenced by content that is **missing or unsatisfactory in one or more** of the content areas:   * Includes Opening statements regarding the impact of research design and sampling on the quality of results/findings * Reviews of presentation purpose and sections of the presentation that will follow * Speaker notes are included for the slide(s) in this section |
| Quantitative Research Designs | **34 Points** | **31 Points** | **28 Points** | **0 Points** |
| Distinguished presentation of information evidenced by **all of the following content areas** covered in a comprehensive and concise manner:   * Discusses the value and type of evidence produced through quantitative research * Discusses how quantitative research designs contribute to the quality of study results/findings * Provides an overview of onequantitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Presentation of information exceeds expectations evidenced by most content covered in a comprehensive and concise manner, but with **one area where coverage is superficial:**   * Discusses the value and type of evidence produced through quantitative research * Discusses how quantitative research designs contribute to the quality of study results/findings * Provides an overview of onequantitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Proficient presentation of information evidenced by content covered in a **limited or superficial manner in two or more** of the content areas:   * Discusses the value and type of evidence produced through quantitative research * Discusses how quantitative research designs contribute to the quality of study results/findings * Provides an overview of onequantitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Presentation of information needs improvement as evidenced by content that is **missing or unsatisfactory in one or more** of the content areas:   * Discusses the value and type of evidence produced through quantitative research * Discusses how quantitative research designs contribute to the quality of study results/findings * Provides an overview of onequantitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented |
| Qualitative Research Designs | **34 Points** | **31 Points** | **28 Points** | **0 Points** |
| Distinguished presentation of information evidenced by **all of the following content areas** covered in a comprehensive and concise manner:   * Discusses the value and type of evidence produced through qualitative research * Discusses how qualitative research designs contribute to the quality of study results/findings * Provides an overview of one qualitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Presentation of information exceeds expectations evidenced by most content covered in a comprehensive and concise manner, but with **one area where coverage is superficial:**   * Discusses the value and type of evidence produced through qualitative research * Discusses how qualitative research designs contribute to the quality of study results/findings * Provides an overview of one qualitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Proficient presentation of information evidenced by content covered in a **limited or superficial manner in two or more** of the content areas:   * Discusses the value and type of evidence produced through qualitative research * Discusses how qualitative research designs contribute to the quality of study results/findings * Provides an overview of one qualitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Presentation of information needs improvement as evidenced by content that is **missing or unsatisfactory in one or more** of the content areas:   * Discusses the value and type of evidence produced through qualitative research * Discusses how qualitative research designs contribute to the quality of study results/findings * Provides an overview of one qualitative research design, including an example from nursing literature that is current within 5 years * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented |
| Methods for Sampling | **34 Points** | **31 Points** | **28 Points** | **0 Points** |
| Distinguished presentation of information evidenced by **all of the following content areas** covered in a comprehensive and concise manner:   * Provides an overview of and differentiation between probability and nonprobability sampling * Discusses the impact of sampling on the study results/findings * Explains at least one factor that can influence the sampling method selected for a study * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Presentation of information exceeds expectations evidenced by most content covered in a comprehensive and concise manner, but with **one area where coverage is superficial:**   * Provides an overview of and differentiation between probability and nonprobability sampling * Discusses the impact of sampling on the study results/findings * Explains at least one factor that can influence the sampling method selected for a study * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Proficient presentation of information evidenced by content covered in a **limited or superficial manner in two or more** of the content areas:   * Provides an overview of and differentiation between probability and nonprobability sampling * Discusses the impact of sampling on the study results/findings * Explains at least one factor that can influence the sampling method selected for a study * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented | Presentation of information needs improvement as evidenced by content that is **missing or unsatisfactory in one or more** of the content areas:   * Provides an overview of and differentiation between probability and nonprobability sampling * Discusses the impact of sampling on the study results/findings * Explains at least one factor that can influence the sampling method selected for a study * Speaker notes are included for the slide(s) in this section * Sufficient integration of scholarly nursing literature to support information presented |
| Conclusion | **17 Points** | **15 Points** | **14 Points** | **0 Points** |
| Distinguished presentation of information evidenced by **all of the following content areas** covered in a comprehensive and concise manner:   * Includes concluding points regarding the value of quantitative and qualitative research designs and their impact on the quality of findings * Includes concluding points regarding the impact of sampling on the quality of study findings * Speaker notes are included for the slide(s) in this section | Presentation of information exceeds expectations evidenced by most content covered in a comprehensive and concise manner, but with **one area where coverage is superficial:**   * Includes concluding points regarding the value of quantitative and qualitative research designs and their impact on the quality of findings * Includes concluding points regarding the impact of sampling on the quality of study findings * Speaker notes are included for the slide(s) in this section | Proficient presentation of information evidenced by content covered in a **limited or superficial manner in two or more** of the content areas:   * Includes concluding points regarding the value of quantitative and qualitative research designs and their impact on the quality of findings * Includes concluding points regarding the impact of sampling on the quality of study findings * Speaker notes are included for the slide(s) in this section | Presentation of information needs improvement as evidenced by content that is **missing or unsatisfactory in one or more** of the content areas:   * Includes concluding points regarding the value of quantitative and qualitative research designs and their impact on the quality of findings * Includes concluding points regarding the impact of sampling on the quality of study findings * Speaker notes are included for the slide(s) in this section |
| College-level Writing Style | **17 Points** | **15 Points** | **14 Points** | **0 Points** |
| Distinguished college-level writing style is evidenced by meeting all of the following criteria with 0-1 errors total:   * Correct use of spelling, grammar, punctuation, sentence and paragraph structure within the speaker notes * Correct use of spelling and word usage on the slides * Clarity, organization, and logical flow of ideas and information on speaker notes and slides * Alignment between information on slides and speaker notes * APA format (most current edition) for citing and referencing sources * Congruence with APA mechanics of style (abbreviations, capitalization, italics, numbers) * No direct quotes are used within the assignment * First person is not used within the presentation slides or speaker notes | College-level writing style exceeds expectations as evidenced by meeting the following criteria with 2-3 errors total:   * Correct use of spelling, grammar, punctuation, sentence and paragraph structure within the speaker notes * Correct use of spelling and word usage on the slides * Clarity, organization, and logical flow of ideas and information on speaker notes and slides * Alignment between information on slides and speaker notes * APA format (most current edition) for citing and referencing sources * Congruence with APA mechanics of style (abbreviations, capitalization, italics, numbers) * No direct quotes are used within the assignment * First person is not used within the presentation slides or speaker notes | Proficient college-level writing style is evidenced by meeting the following criteria with 4-5 errors, total:   * Correct use of spelling, grammar, punctuation, sentence and paragraph structure within the speaker notes * Correct use of spelling and word usage on the slides * Clarity, organization, and logical flow of ideas and information on speaker notes and slides * Alignment between information on slides and speaker notes * APA format (most current edition) for citing and referencing sources * Congruence with APA mechanics of style (abbreviations, capitalization, italics, numbers) * No direct quotes are used within the assignment * First person is not used within the presentation slides or speaker notes | College-level writing style needs improvement as evidenced by meeting the following criteria with 6 or more errors, total:   * Correct use of spelling, grammar, punctuation, sentence and paragraph structure within the speaker notes * Correct use of spelling and word usage on the slides * Clarity, organization, and logical flow of ideas and information on speaker notes and slides * Alignment between information on slides and speaker notes * APA format (most current edition) for citing and referencing sources * Congruence with APA mechanics of style (abbreviations, capitalization, italics, numbers) * No direct quotes are used within the assignment * First person is not used within the presentation slides or speaker notes |
| Effective Presentation Style | **17 Points** | **15 Points** | **14 Points** | **0 Points** |
| Distinguished presentation style is evidenced by meeting all of the following criteria with 0-1 errors total:   * Slide design includes visually balanced text * Slide design provides contrast of color between background and font used * Succinct, key points are presented on the slides * No lengthy narratives are included on the slides * Font size appropriate for audience viewing (sized 18 or larger) * Use of graphics and/or images is professional and appropriate for the topic | Presentation style exceeds expectations as evidenced by meeting the following criteria with 2-3 errors total:   * Slide design includes visually balanced text * Slide design provides contrast of color between background and font used * Succinct, key points are presented on the slides * No lengthy narratives are included on the slides * Font size appropriate for audience viewing (sized 18 or larger) * Use of graphics and/or images is professional and appropriate for the topic | Proficient presentation style is evidenced by meeting the following criteria with 4 errors, total:   * Slide design includes visually balanced text * Slide design provides contrast of color between background and font used * Succinct, key points are presented on the slides * No lengthy narratives are included on the slides * Font size appropriate for audience viewing (sized 18 or larger) * Use of graphics and/or images is professional and appropriate for the topic | Presentation style needs improvement as evidenced by meeting the following criteria with 5 or more errors, total:   * Slide design includes visually balanced text * Slide design provides contrast of color between background and font used * Succinct, key points are presented on the slides * No lengthy narratives are included on the slides * Font size appropriate for audience viewing (sized 18 or larger) * Use of graphics and/or images is professional and appropriate for the topic |
| Quality of Literature Support | **0 Points Deducted** |  | | **5 Points Deducted** |
| A minimum of 3 peer-reviewed scholarly nursing sources, current within five years, are integrated within the assignment. | The assignment fails to meet the requirement noted for quality of literature support. |
| Assignment Length Expectations | **0 Points Deducted** |  |  | **5 Points Deducted** |
| The length of the assignment meets the criteria:  Minimum of 10 slides in length  Maximum of 14 slides in length. (Not including title or reference slides) |  |  | The assignment fails to meet the requirement for length.  Minimum of 10 slides in length;  Maximum of 14 slides in length. (Not including title or reference slides) |