

Sheridan College
Faculty of Applied Science & Technology

Connor Pick, Winter 2021

Thesis Individual Evaluation

FRONT MATTER (Including the abstract) [Out of 10]

- | | |
|------------------------------|-------------------|
| • Title page | [1 marks] |
| • Abstract (limit 350 words) | [80 marks] |
| • Acknowledgments | [3 marks] |
| • Table of contents | [6 marks] |
| • List of tables and figures | [6 marks] |

THESIS CHAPTERS

Below are generic outlines for a three-chapter thesis proposal

1. Introduction
2. Literature review
3. Methodology

Quantitative Thesis Individual Evaluation Outline

Chapter 1: Introduction

[Out of 100]

- Introduction
 - The introduction includes an overview of the purpose and focus of the study, why it is significant, how it was conducted, and how it will contribute
[10 marks]
- Statement of the Problem
 - The problem indicates the need for the study, describes the issue or problem to be studied, and situates it in a broader educational or social context. The problem statement includes a brief, well-articulated summary of the literature that substantiates the study, with references to more detailed discussions in Chapter 2.
[10 marks]
- Purpose of the Study
 - Describing the research purpose in a logical, explicit manner, the statement of purpose is the major objective or intent of the study; it enables the reader to understand the central thrust of the research
[15 marks]
- Theoretical Framework, outcomes & contributions
 - This provides an overview of the theory governing the research. Chapter 2 provides more details on such. An outline of the contribution and outcomes is also given here
[10 marks]
- Research Question(s) / Thesis Statement
 - Research questions are directly tied to the purpose. They should be specific, unambiguously stated, and open-ended. These questions cue readers to the direction the study will take and help to delineate the scope of the study.
20 marks]
- Significance of the Study
 - Significance addresses the benefits that may be derived from doing the study (theoretical and practical significance), thereby reaffirming the research purpose
[10 marks]
- Overview of Methodology
 - This section outlines the methodological type or approach, the research setting, the sample, instrumentation (if relevant), and methods of data collection and analysis used.
[10 marks]
- Definition of Terms
[5 marks]
- Organization of the thesis
 - This brief concluding explanation delineates the contents of the remaining chapters in the dissertation
[5 marks]
- Conclusion: summaries the chapter 1
[5 marks]

Chapter 2: Review of the Literature [Out of 100] – 26.5 = 73.5

This chapter situates the study in the context of previous research and scholarly material pertaining to the topic, presents a critical synthesis of empirical literature according to relevant themes or variables, justifies how the study addresses a gap or problem in the literature, and outlines the theoretical or conceptual framework of the study. A dissertation does not merely restate the available knowledge base of a particular topic, but adds to or augments it.

- Introduction: The introduction describes the content, scope, and organization of the review as well as the strategy used in the literature search.
 - [10 marks] – 1 = 9 {see document for feedback}
- Review of literature: This section
 - is clearly related to the problem statement, purpose, and research questions; [10 marks]
 - states upfront the bodies of literature that will be covered, and why; [10 marks]
 - At least 30 reviews of primary sources that are {mostly recent empirical studies from scholarly journals and publications}, as well as secondary sources [10 marks] – 1.5 = 8.5 {see document for feedback}
 - is logically organized by theme or subtopic, from broad to narrow; [10 marks] – 1 = 9 {see feedback in document}
 - synthesizes findings across studies and compares and contrasts different research outcomes, perspectives, or methods; [10 marks] – 1 = 9 {see feedback in document}
 - notes {gaps, debates, or shortcomings in the literature} and provides a rationale for the study; and [10 marks]
 - provides section summaries. [5 marks]
- Theoretical/Conceptual framework: The conceptual framework draws on theory and research and **examines the relationship among constructs and ideas**. As such, it is the structure or heuristic that guides your research. In essence, the conceptual framework provides the theoretical and methodological bases for development of the study and analysis of findings. When appropriate, a graphic depiction of the model is included, **showing the relationships between concepts, ideas, or**

variables to be studied.

[20 marks] – 18 = 2{see

document for feedback}

- ☐ Summary: A comprehensive synthesis of the literature review should complete this section.

[5 marks] – 4 = 1 {see

document for feedback}

Chapter 3: Research Methodology [out of 100]

- ☐ Introduction: The introduction restates the research purpose and describes the organization of the chapter. **[5 marks]**

- ☐ Research Design: rationale for their suitability regarding addressing the research questions, and citing appropriate methodological literature.

[5 marks]

- ☐ *Data collection methods*: This section describes and justifies all data collection methods, tools, instruments, and procedures, including how, when, where, and by whom data were collected. **[10 marks]**

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- ☐ Software & Technology Related Design **[20 marks]**

- ☐ Comprehensive Experiment Framework **[15 marks]**

- ☐ Data Analysis Methods **[15 marks]**

- ☐ Research Validation **[15 marks]**

- ☐ Assumptions of the Study **[5 marks]**

- ☐ Limitations of the Study **[5 marks]**

- ☐ Summary: A comprehensive summary overview covers all the sections of this chapter, recapping and highlighting all the important points. Discussion is concise and precise. **[5 marks]**

Chapter 4: Research Findings [100]

- Introduction: The introduction provides a brief summary of and rationale for how data were analyzed. It describes the organization of the chapter according to

research questions, conceptual framework, or thematic categories. **[5 marks]**

- Software Development & Testing Strategy **[35 marks]**

(Proof of concepts use cases incomplete, not implemented)

- Data Analysis **[35 marks]**
(Injury Prediction Results not synthesized to present injury profile report and recommendation)

- Report Findings: Present findings in relation to research question **[20 marks]**

(Research Findings inconclusive based on the research question)

- Summary: This section explains in summary form what the chapter has discovered, and also prepares the reader for the chapter to follow. **[5 marks]**

Chapter 5: Conclusions, Discussion, and Suggestions for Future Research [/100]

- Introduction: The introduction provides an overview of the chapter's organization and content. **[5 marks]**
- Discussion: This section provides an in-depth interpretation, analysis, and synthesis of the results/findings **[40 marks]**
- Conclusion: Conclusions are not the same as findings; neither are conclusions the same as interpretations. Rather, conclusions are essentially conclusive statements of what you now know, having done this research that you did not know before. **[35 marks]**
- Recommendations are actionable; that is, they suggest implications for policy and practice based on the findings, providing specific action plans and next steps. **[20 marks]**

Thesis Draft Manuscript

Section	Maximum	Actual
Abstract / Front / Back Matters		
Chapter 1 : Introduction	5	
Chapter 2 : Literature review	5	
Chapter 3 : Methodology	15	
Chapter 4: Findings	15	

Chapter 5: Conclusion	10	
Total	50	
% Score for Thesis Proposal Draft Manuscript		