

CSC 450, Senior Research Research Outline

1. Write an **outline** for your paper, by completing the template below. The outline consists of major points that can be filled in as you write your paper. If appropriate, an alternate set of section headings can be used with my approval. Note that the Results section should be an unbiased presentation of the results, while the Discussion interprets the results, puts them in the context of the topic, and discusses their significance, limitations, and future work (see notes for an example).
2. If you are working in a group, you must include a **contribution** section that clearly states the contribution of each individual. For each person, state how the literature review and outline were divided up. Only one person should submit the assignment. If you are working by yourself, you do not need to complete this section.

The section headings include the following: Introduction, Materials & Methods, Results, and Discussion.

I. Introduction

- a. Background (add at least 2 facts that provide necessary background)
- b. Problem statement / objective / hypothesis
- c. Significance (add at least 2 points that describe the significance of your specific project)

II. Materials and Methods (add at least 4 points describing the methodology in detail)

III. Results (describe at least 3 graphs or tables that will be presented)

IV. Discussion

- a. Summary of your main (expected) finding
- b. Related work (state at least 2 related findings that will be discussed in the context of your results)
- c. Limitations (include at least 2 limitations related to your project)

This assignment must be handed in at the beginning of class on the due date.